

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

12/24/10

Andrius Knasas  
Assistant District Attorney, Suffolk County

Dear ADA Knasas

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan (Dookhan) and Della Saunders.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC Spectral analytical data for samples# [REDACTED]
6. GC/Mass Spectral analytical data for samples # [REDACTED]

Della Saunders was the custodial chemist and performed the preliminary testing and net weight for this sample. I, Annie Dookhan, was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

**Boston Police**  
DEPARTMENT

**DRUG RECEIPT**

CC# \_\_\_\_\_  
 BOOK # 144  
 PAGE # 97  
 DESTRUCTION # \_\_\_\_\_

District/Unit B-2

Name & Rank of Arresting Officer R. MCCLAIN ID# 1265

DEFENDANT'S NAME	ADDRESS	CITY	STATE
[REDACTED]		Rox	MA.
[REDACTED]		Rox	MA.
[REDACTED]		Rox	MA.
<b>LAB USE ONLY</b>			
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
CRACK-COCAIN - JUMPER	1	35.44g 33 GRAMS	
CRACK-COCAIN - "	1 P/B	14.85g	
<del>MARIJUANA</del> MARIJUANA - "	<del>1 P/B</del>	3.99g	
CRACK-COCAIN - FDR	1 P/B	35.40g 35 GRAMS	
CRACK-COCAIN - GARCIA	1 PLATE RESIDUE	35.40g 35 GRAMS	
UNK Pink powder	1 P/B	82.69g 83 GRAMS	
Marijuana <i>(CDS)</i>	1 P/B	4.54g	

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sgt. V. White ID# 11064

Received by CD Date 11-13-09

ECU Control # \_\_\_\_\_

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.  
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

\*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\* Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Della Saunders

### Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

### Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

### Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

No. [REDACTED]

Date Analyzed: 05-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 35.44

Net Weight: 28.59

# Tests: 7 JDS

•2950

(K)

Prelim: COCAINE

Findings: COCAINE

No. [REDACTED]

Date Analyzed: 05-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 14.85

Net Weight:

# Tests: 6 JDS  
•2950

Prelim: UNKNOWN

Findings: NEGATIVE

No. [REDACTED]

Date Analyzed: 05-24-10

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 3.98

Net Weight: 0.18g

# Tests: 7 JDS  
•2950

(K)

Prelim: COCAINE

Findings: COCAINE

No. [REDACTED]

Date Analyzed: MAY 18 2010

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: RES

No. Cont: 1 Cont: plate #1RB<sup>pb</sup>

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 354.07

Net Weight:

# Tests: 0

Prelim:

Findings: No test/

No. [REDACTED]

Date Analyzed: OS-24-1C

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 82.69

Net Weight:

# Tests: 14 PB

Prelim: UNKNOWN

Findings: Negative

No. [REDACTED]

Date Analyzed: MAY 18 2010

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: VM

No. Cont: 1 Cont: pb

Date Rec'd: 11/13/2009

No. Analyzed:

Gross Wt.: 4.54

Net Weight:

# Tests: 3

Prelim:

Findings: Negative DD

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY Boston OIG

ANALYST PS

No. of samples tested:

Balance Tok 51810 Methen 401607  
99.9998; 1aawg; 1cavg

Evidence Wt.

33.6779g

PHYSICAL DESCRIPTION:

Off-white chunky substance contained in one  
clear plastic bag contained in one clear sealed, initialed  
plastic bag with "1 Bgs of w/ Routed Pocketbook Purse  
33 jeans" written on it

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): 29.8975g

Pkg. Wt: 1.3123g

Net Wt: 28.5972g

✓ Net  
OK  
GSSPRELIMINARY TESTSSpot TestsCobalt Thiocyanate (H<sub>4</sub>) +

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold Chloride +

TLTA (H<sub>4</sub>) +OTHER TESTSPRELIMINARY TEST RESULTS

RESULTS COCAINE

DATE 5/18/10

GC/MS CONFIRMATORY TEST

RESULTS COCAINE

MS OPERATOR ASD

DATE 5/24/10

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY BOSTON DCLANALYST AB

No. of samples tested: \_\_\_\_\_

Balances OK 5/18/10 Mettler 11174 & 1124  
99.9996g, 10.000g, 1000g

Evidence Wt.

14.7783g

**PHYSICAL DESCRIPTION:**

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): 11.013gPkg. Wt: 3.2653gNet Wt: 7.7472g

Off-white chunky substance contained in one clear plastic ziplock bag contained in one clear sealed initial plastic bag with "15 GRAMS KITCHEN MCCLAIN" written on it

**PRELIMINARY TESTS****Spot Tests**

Cobalt Thiocyanate (Hg) -

Marquis -

Froehde's -

Mecke's -

**Microcrystalline Tests**

Gold Chloride -

TLTA ( ) -

**OTHER TESTS**

Dill -  
GC +

**PRELIMINARY TEST RESULTS**RESULTS UnknownDATE 5/18/10**GC/MS CONFIRMATORY TEST**RESULTS NegativeMS OPERATOR ASDDATE 5/24/10

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY Boston PCCANALYST PLS

No. of samples tested: \_\_\_\_\_

Balance Wt 5.68g Net Wt 4.44gEvidence Wt 3.994g

9999987910.60g, 1 may

**PHYSICAL DESCRIPTION:**

Off-white chunky substance contained in  
one clear plastic bag contained in one clear sealed  
initialed plastic bag with "PLS Bulk gas Det Milly 13"  
from #3 WPI Hermit

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): 0.2138Pkg. Wt: 0.0255gNet Wt: 0.1883gv net  
OK  
OSS**PRELIMINARY TESTS****Spot Tests**Cobalt (H) +  
Thiocyanate (H) +Marquis -Froehde's -Macke's -**Microcrystalline Tests**Gold Chloride -TLTA (H) +**OTHER TESTS**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**PRELIMINARY TEST RESULTS**RESULTS COCAINEDATE 5/18/10**GC/MS CONFIRMATORY TEST**RESULTS COCAINEMS OPERATOR ASDDATE 5/24/10

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY *Boston PCC*ANALYST *PS*

No. of samples tested:

Balance Wt (5.5g) (Mass 126.15057)

Evidence Wt

354.9

100.0g (10.0g) 1g

**PHYSICAL DESCRIPTION:**

Residue on one white plate with reddish brown tinge  
and one purple black contained in one sealed unlabeled  
plastic evidence bag

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: \_\_\_\_\_

**PRELIMINARY TESTS**Spot Tests

Cobalt

Thiocyanate ( ) \_\_\_\_\_

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

Microcrystalline Tests

Gold

Chloride \_\_\_\_\_

TLTA ( ) \_\_\_\_\_

OTHER TESTS

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**PRELIMINARY TEST RESULTS**

RESULTS \_\_\_\_\_

DATE \_\_\_\_\_

**GC/MS CONFIRMATORY TEST**RESULTS *Not tested* \_\_\_\_\_MS  
OPERATOR \_\_\_\_\_DATE *5/18/10* \_\_\_\_\_

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY Boston OIG

ANALYST PS

No. of samples tested: 2

BALANCE OK 5.81G 10.47G 14.11G 24.14G

Evidence Wt 82.5804g

99.998; 100.0; 100.0

**PHYSICAL DESCRIPTION:**

Lavendae chunky powdery substance contained in  
two plastic bags (one inside the other, outer bag ziplock)  
Contained in one clear sealed individual plastic bag with  
183 grams Room # 2 Det W Lee "N" neither on

Gross Wt ( ): \_\_\_\_\_

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: \_\_\_\_\_

**PRELIMINARY TESTS****J Spot Tests**

Cobalt

Thiocyanate ( ) —

Marquis —

Froehde's —

Mecke's —

**Microcrystalline Tests**

Gold

Chloride \_\_\_\_\_

TLTA ( )

**OTHER TESTS**

Dill-

ZGC+

**PRELIMINARY TEST RESULTS**

RESULTS UNKNOWN

DATE 5/18/10

**GC/MS CONFIRMATORY TEST**

RESULTS Negative

MS OPERATOR ASD

DATE 5/24/10

Sample #: [REDACTED]

2 extra ph's 7,488g

# samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	38,687.9	1,413.9		26			
2	39,808.9	4,158.5		27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

### MARIJUANA ANALYSIS SHEET

Sample#

Agency

Boston DPU

Evidence Wt.

4.5848

Gross wt. ( ) 0.8053g

Macro: +

Micro: +

Duq: +

Green vegetable matter contained in one clear plastic bag contained in one clear sealed, initialed plastic bag

RESULT: Marijuana

DATE: MAY 18 2010

Sample#

Agency

Evidence Wt.

Gross wt. ( )

Macro:

Micro:

Duq:

RESULT:

DATE:

Sample#

Agency

Evidence Wt.

Gross wt. ( )

Macro:

Micro:

Duq:

RESULT:

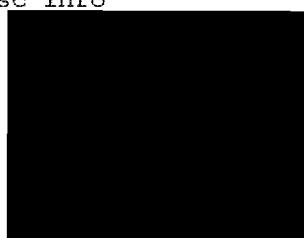
DATE:

Sequence Name: C:\msdchem\1\sequence\default.s  
Comment:  
Operator:  
Data Path: D:\GC DATA\05\_17\_10\  
Instrument Control Pre-Seq Cmd:  
Data Analysis Pre-Seq Cmd:  
  
Instrument Control Post-Seq Cmd:  
Data Analysis Post-Seq Cmd:

Method Sections To Run      On A Barcode Mismatch  
(X) Full Method            (X) Inject Anyway  
( ) Reprocessing Only     ( ) Don't Inject

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Line		Sample Name/Misc Info		
1)	Sample	1	01	SCREEN
2)	Sample	2	02	SCREEN
3)	Sample	3	03	SCREEN
4)	Sample	4	04	SCREEN
5)	Sample	5	05	SCREEN
6)	Sample	6	06	SCREEN
7)	Sample	7	07	SCREEN
8)	Sample	8	08	SCREEN

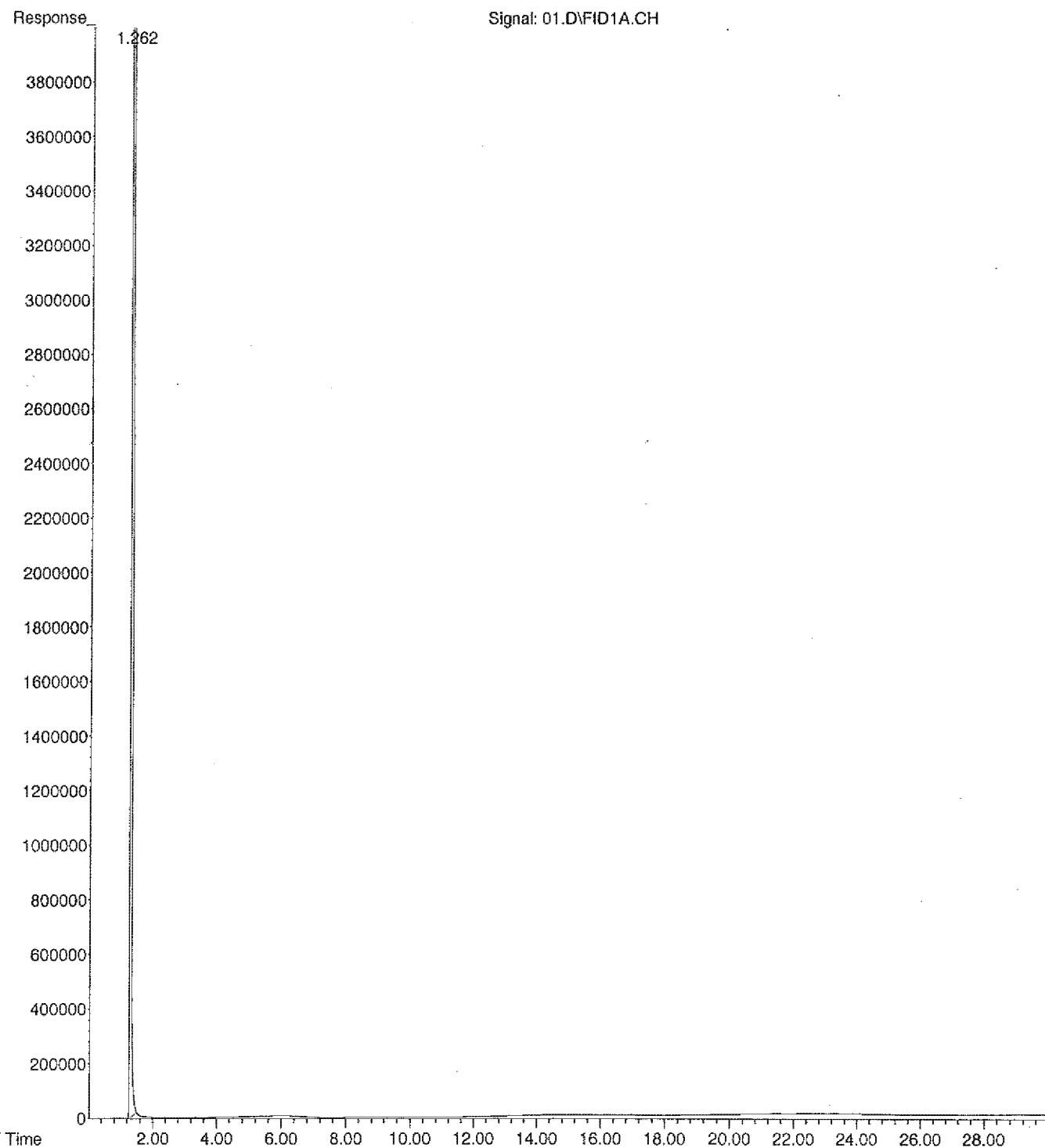


Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 01.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 9:36  
Sample : BLANK-DCS  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 01.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 9:36  
Sample : BLANK-DCS  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

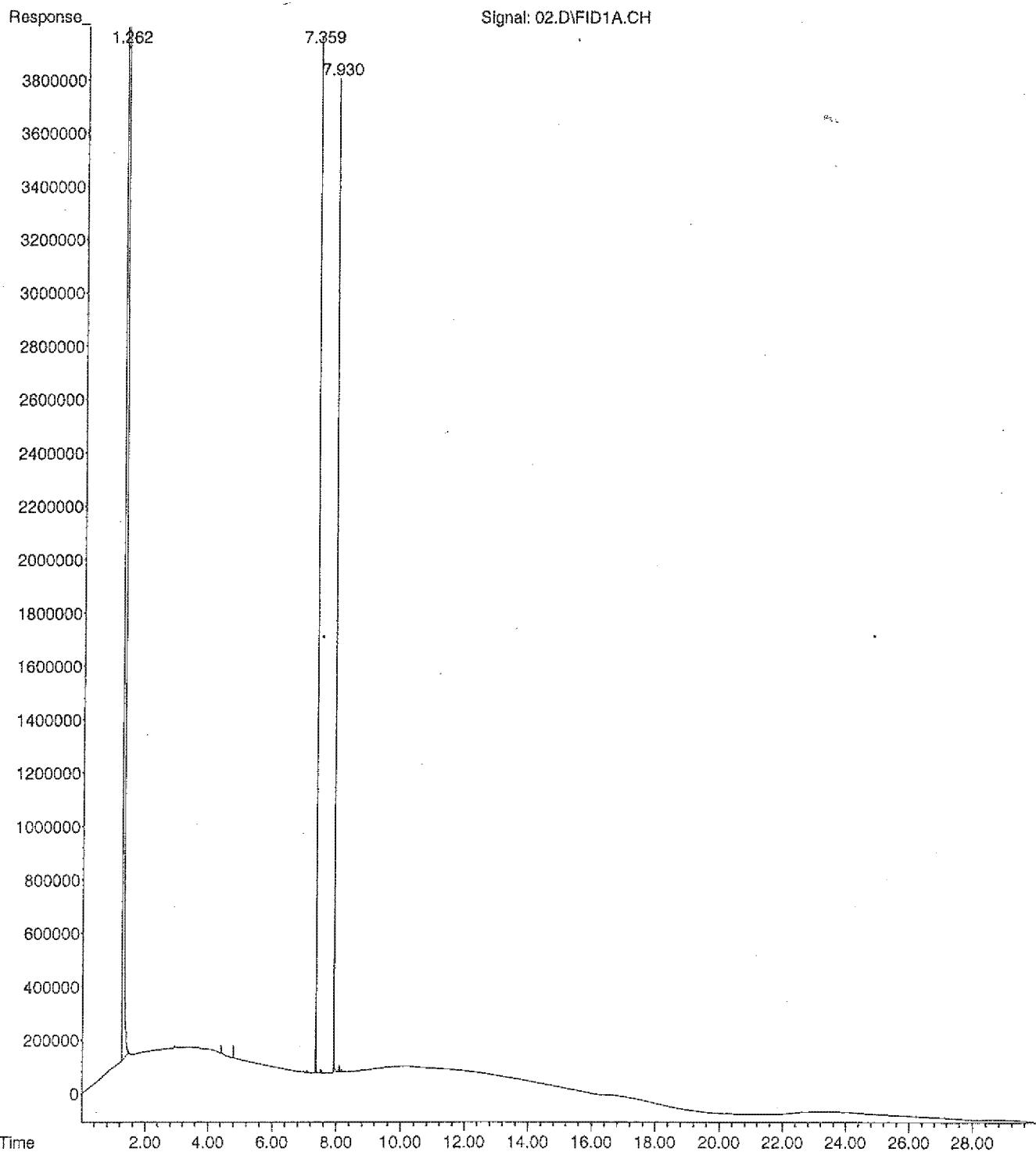
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.262	1.234	1.489	BB	714340387	9402389434	100.00%	100.000%
Sum of corrected areas: 9402389434								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 02.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 10:12  
Sample : COKE/CODEINE STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 02.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 10:12  
Sample : COKE/CODEINE STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.262	1.209	1.456	BB	693486594	9686743104	100.00%	99.389%
2	7.359	7.307	7.397	BB	3872255	29152041	0.30%	0.299%
3	7.930	7.874	7.976	BB	3722129	30353407	0.31%	0.311%

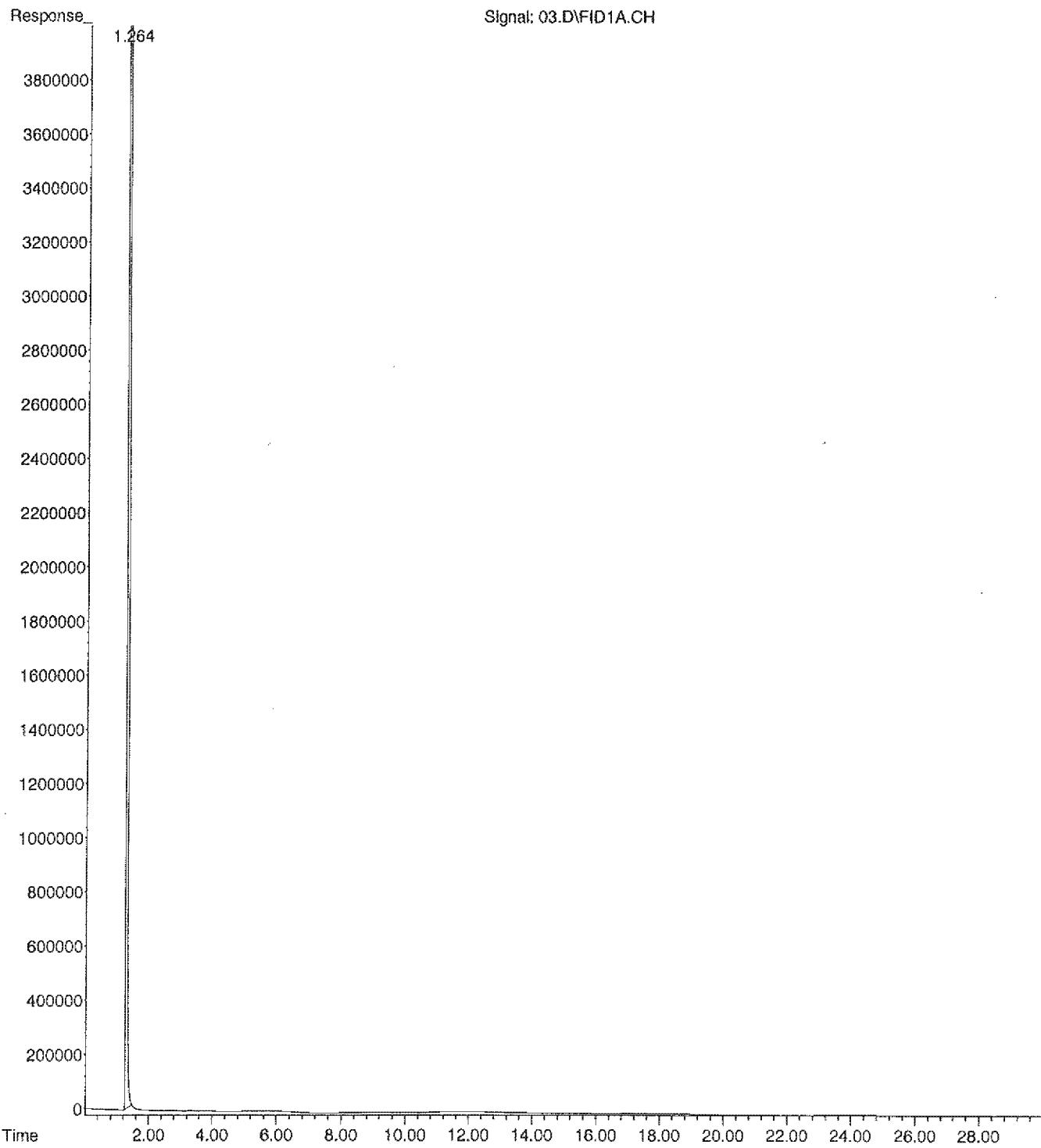
Sum of corrected areas: 9746248552

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 03.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 10:47  
Sample : BLANK  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 03.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 10:47  
Sample : BLANK  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M

Title :

Signal : FID1A.CH

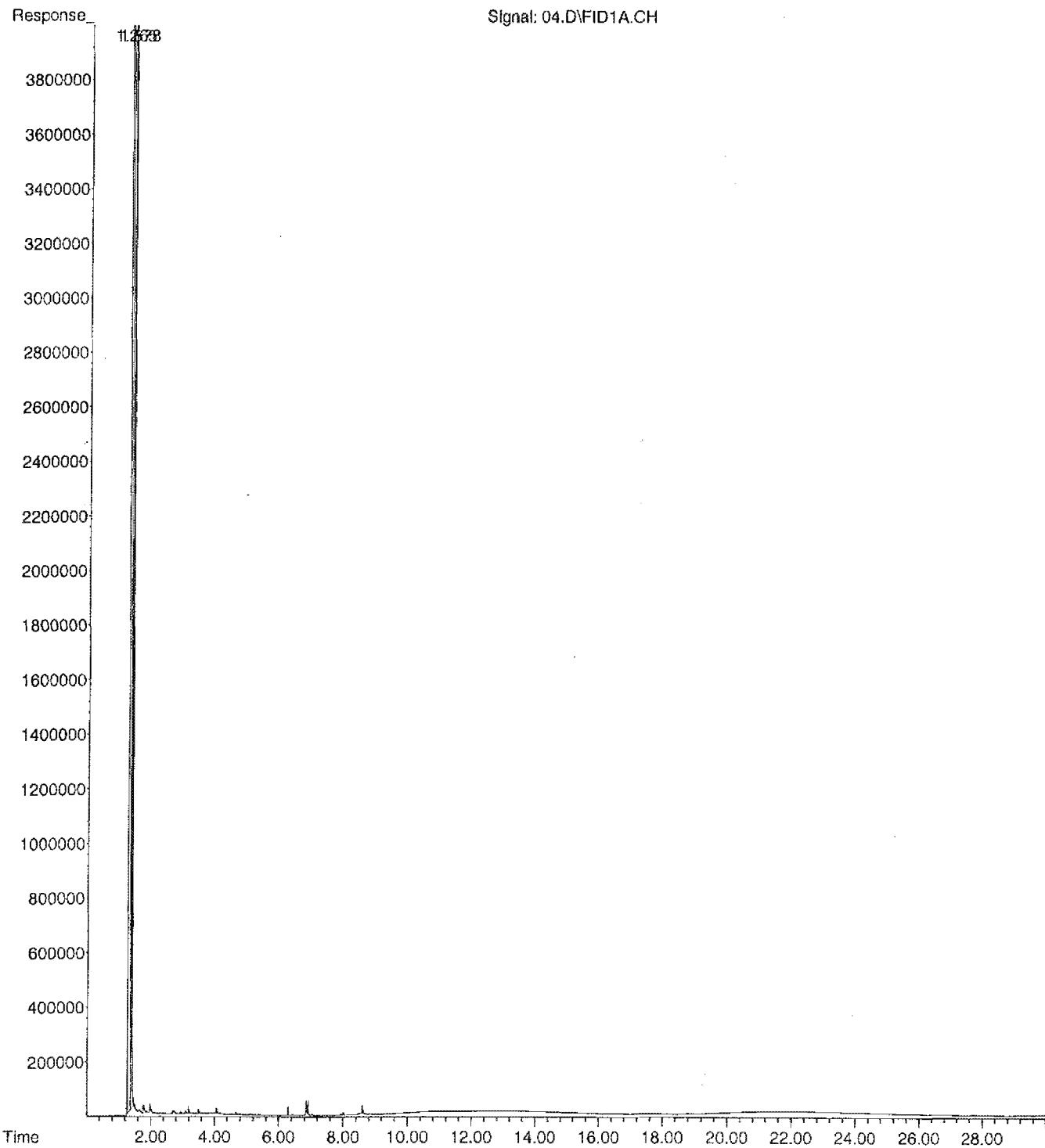
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.264	1.238	1.465	BB	677340361	9723973646	100.00%	100.000%
Sum of corrected areas: 9723973646								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 04.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 11:23  
Sample : XXXXXXXXXX  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 04.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 11:23  
Sample : [REDACTED]  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M

Title :

Signal : FID1A.CH

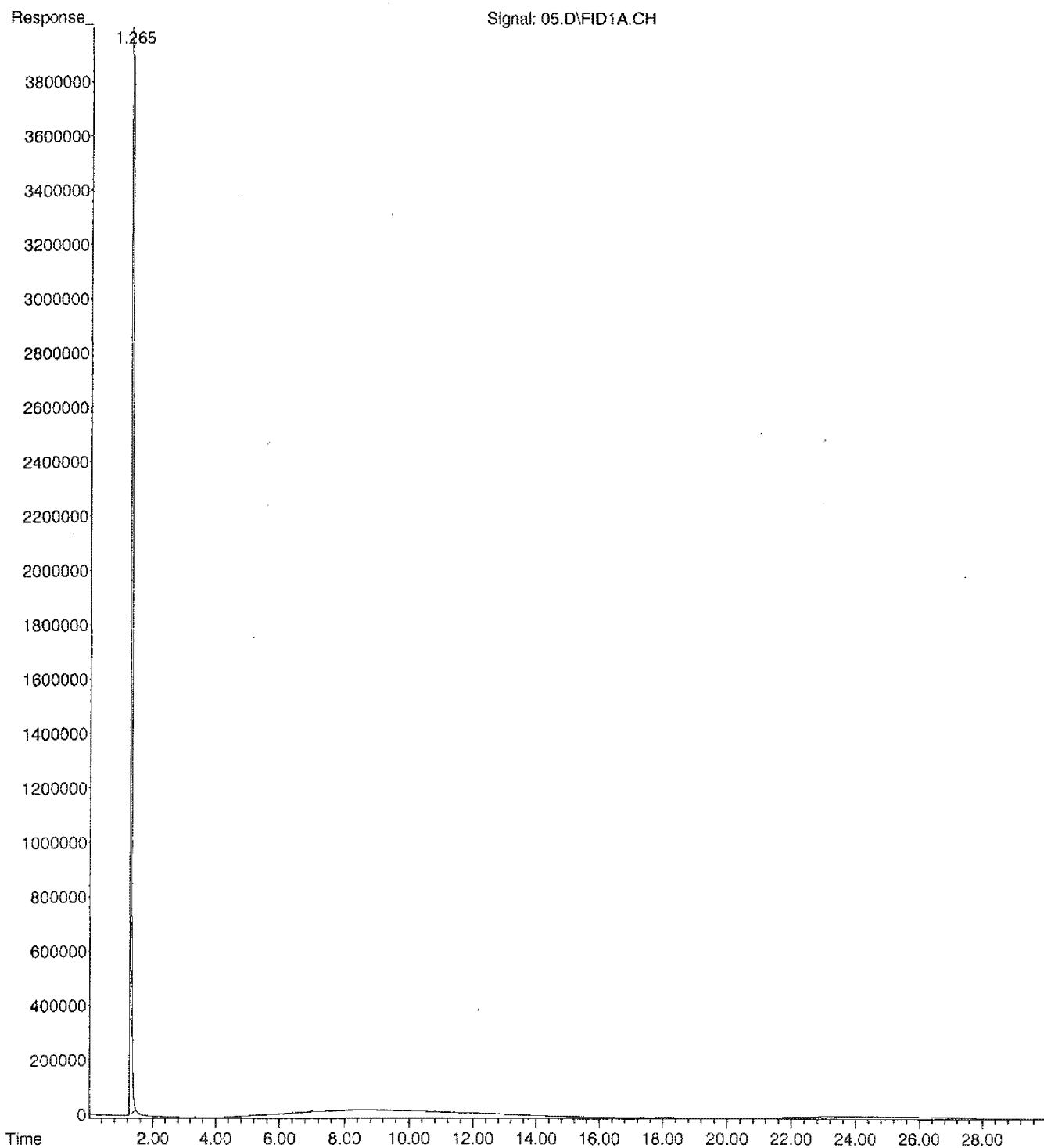
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.265	1.236	1.361	BV	643537174	9526254507	100.00%	97.695%
2	1.378	1.361	1.461	VB	21598143	224729142	2.36%	2.305%
Sum of corrected areas: 9750983649								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 05.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 11:58  
Sample : BLANK  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 05.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 11:58  
Sample : BLANK  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

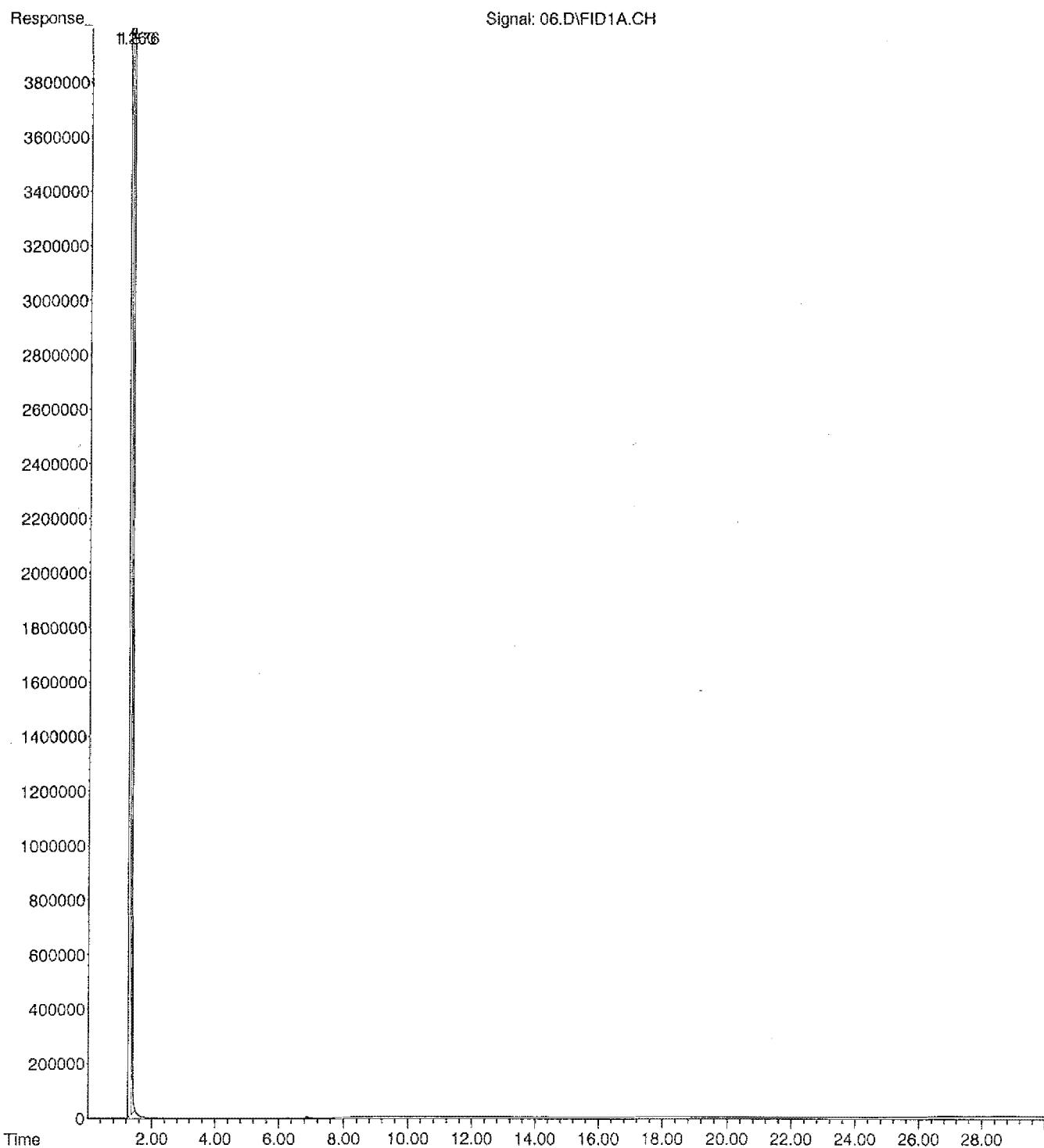
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.265	1.232	1.467	BB	672648338	9784203469	100.00%	100.000%
Sum of corrected areas: 9784203469								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 06.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 12:34  
Sample : XXXXXXXXXX  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 06.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 12:34  
Sample : [REDACTED]  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

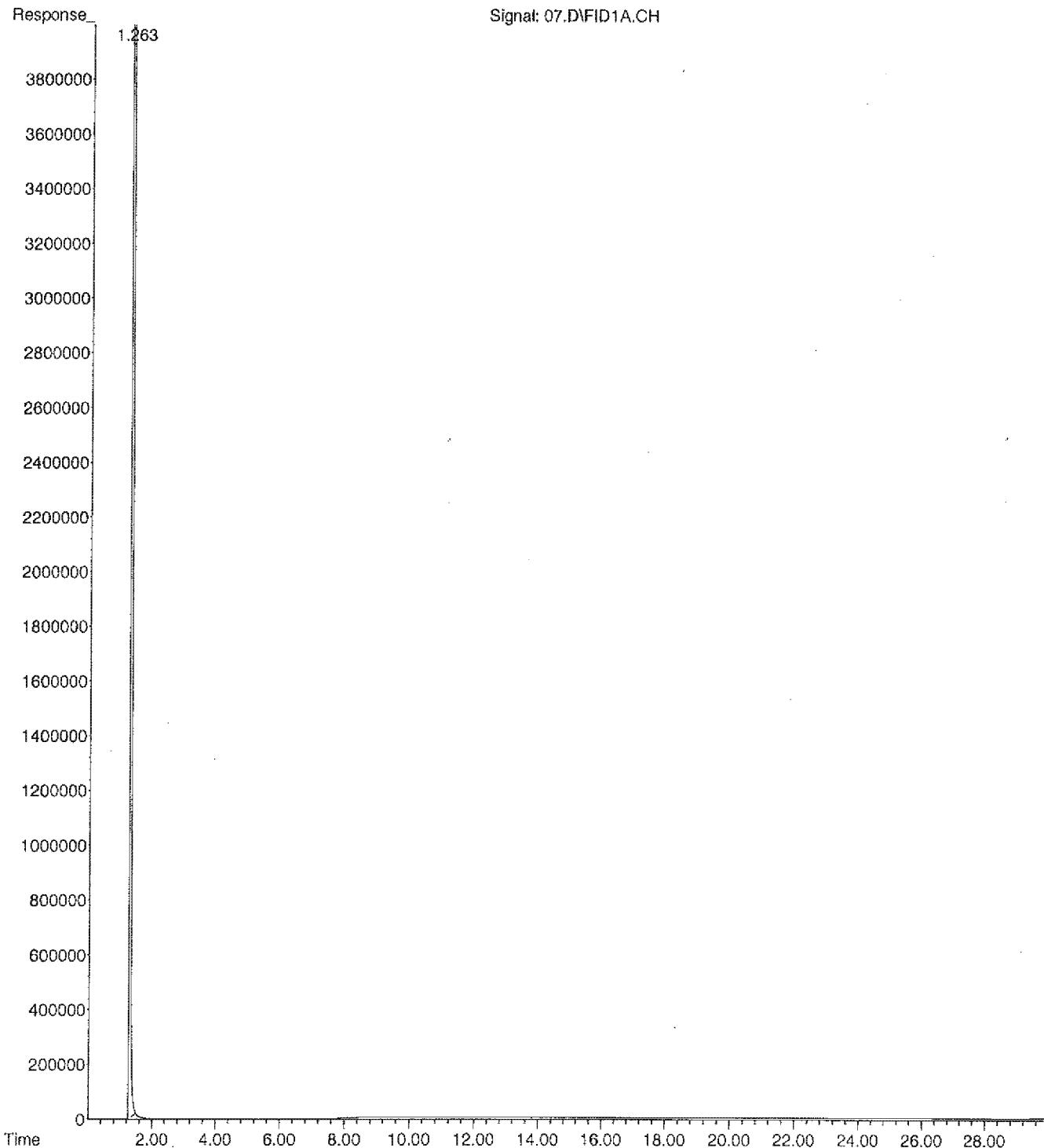
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.260	1.237	1.361	BV	720428861	9904269370	100.00%	99.474%
2	1.376	1.361	1.477	VB	5843094	52340777	0.53%	0.526%
Sum of corrected areas: 9956610147								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 07.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 13:09  
Sample : [REDACTED]  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 07.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 13:09  
Sample : [REDACTED]  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

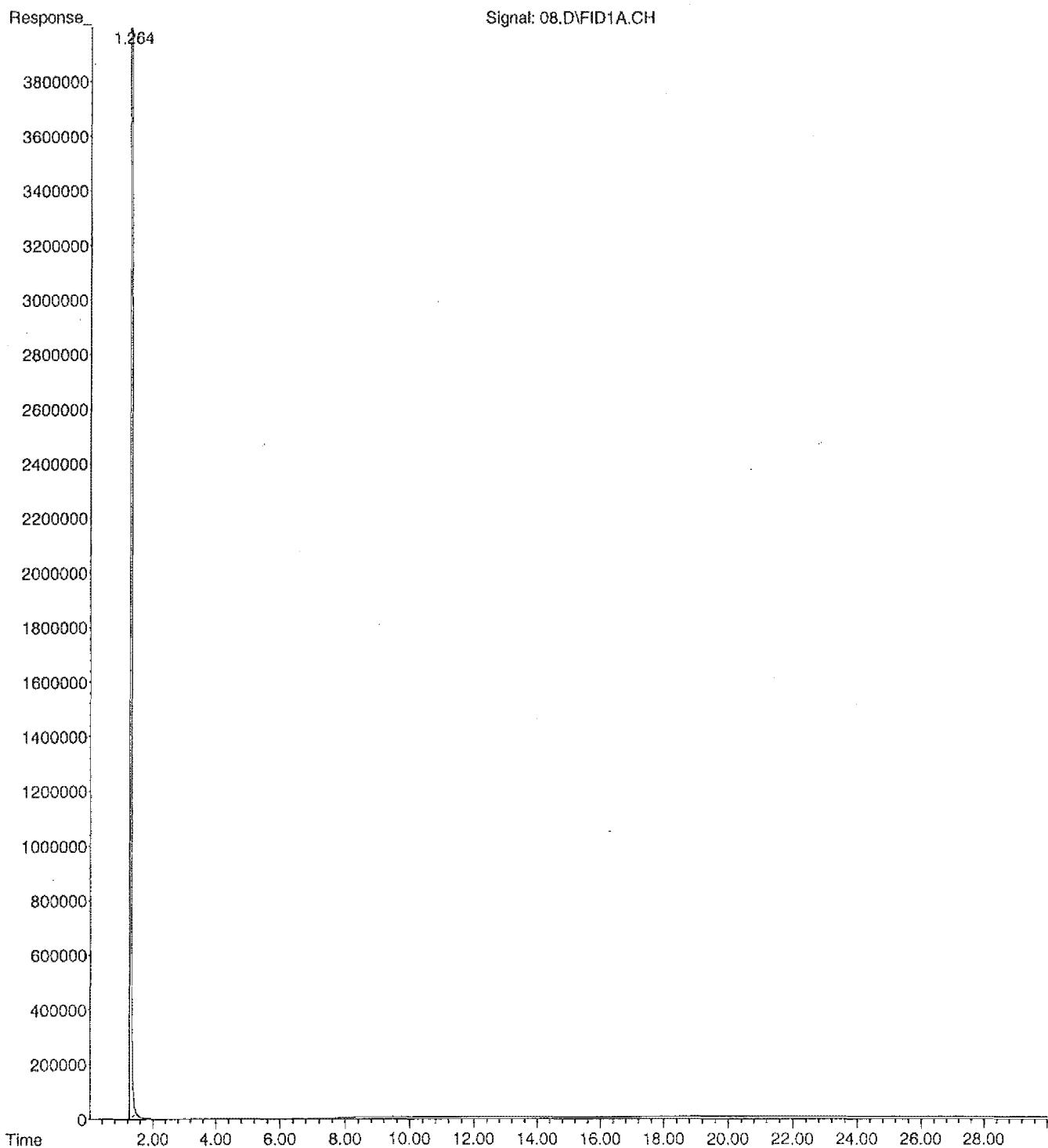
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.263	1.238	1.490	BB	706262152	9184016155	100.00%	100.000%
Sum of corrected areas: 9184016155								

Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 08.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 13:45  
Sample : BLANK  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :



Area Percent Report

Data Path : D:\GC DATA\05\_20\_10\  
Data File : 08.D  
Signal(s) : FID1A.CH  
Acq On : 20 May 2010 13:45  
Sample : BLANK  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e

Method : C:\MSDCHEM\1\METHODS\SCREEN.M  
Title :

Signal : FID1A.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.264	1.239	1.479	BB	678481423	9585563881	100.00%	100.000%
Sum of corrected areas: 9585563881								

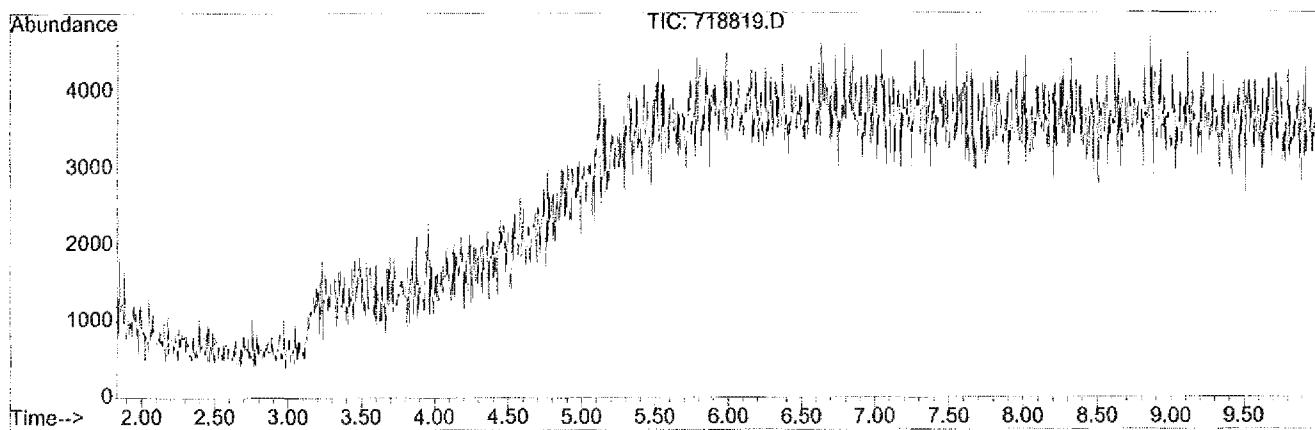
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718819.D  
Operator : ASD *✓ 8/20/10*  
Date Acquired : 23 May 2010 00:11  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

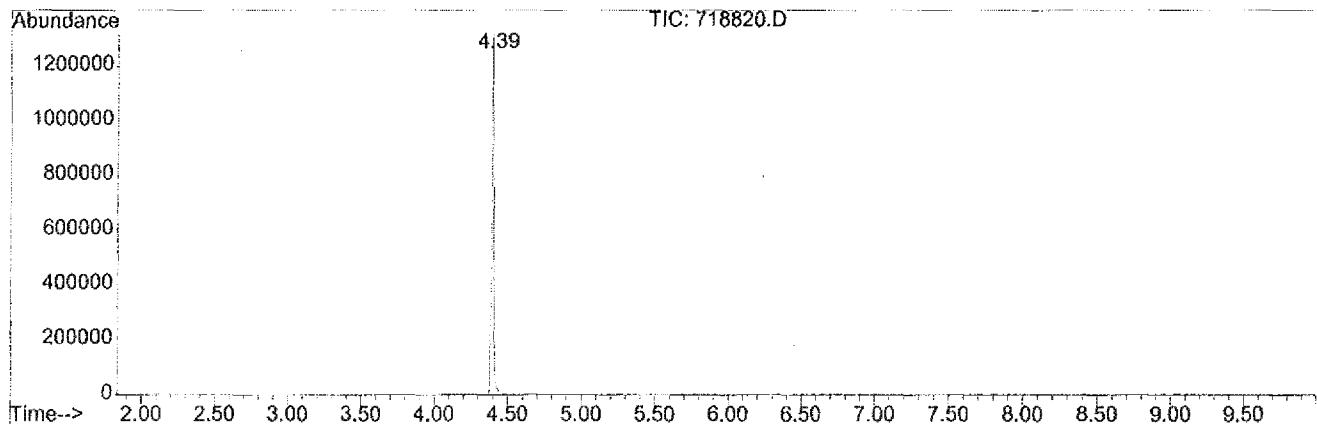
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718820.D  
Operator : ASD  
Date Acquired : 23 May 2010 00:24  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 20  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.389	1328605	100.00	100.00

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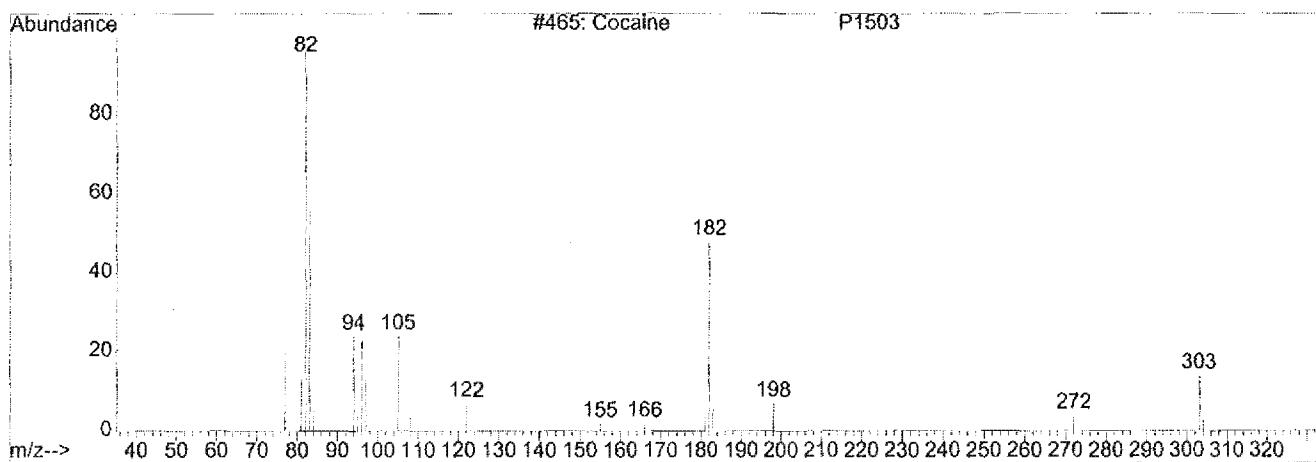
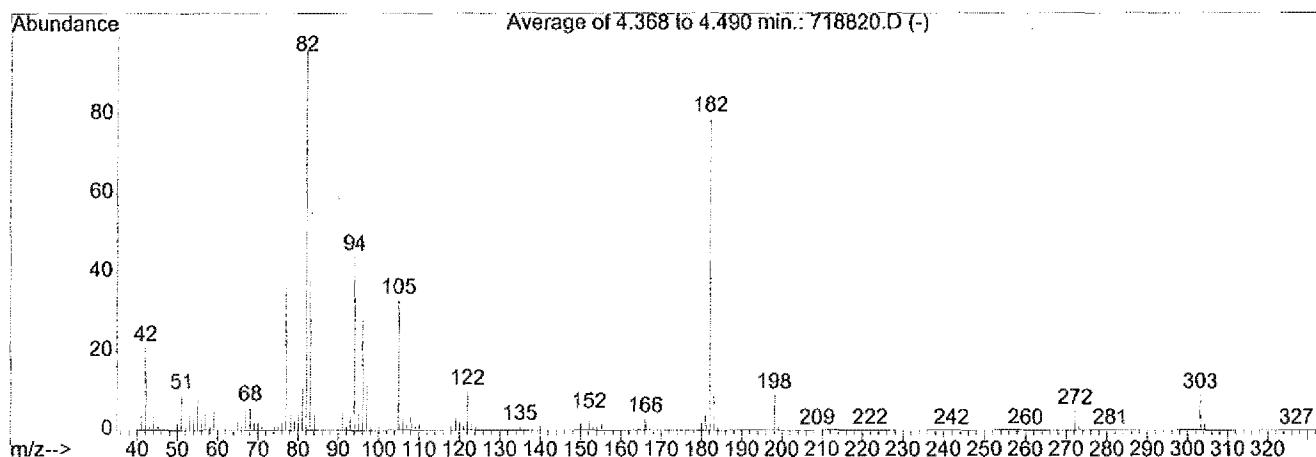
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718820.D  
 Operator : ASD  
 Date Acquired : 23 May 2010 00:24  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 20  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
1	4.39	C:\DATABASE\PMW_TOX2.L		
		Cocaine	000050-36-2	96
		Cocaine-M (methylecgonine) AC	000000-00-0	58
		Butalbital (ME)	000000-00-0	9



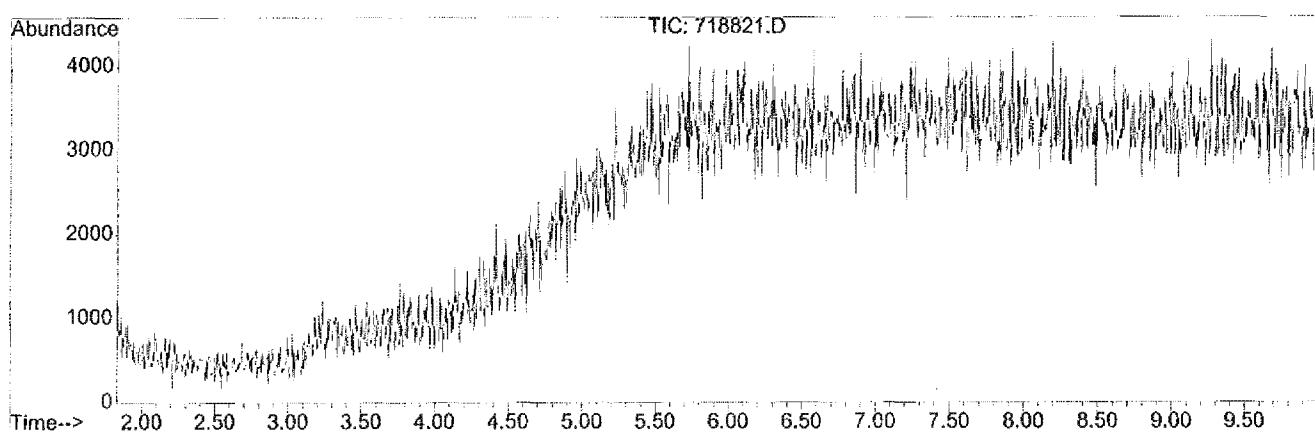
# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718821.D  
Operator : ASD  
Date Acquired : 23 May 2010 00:37  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

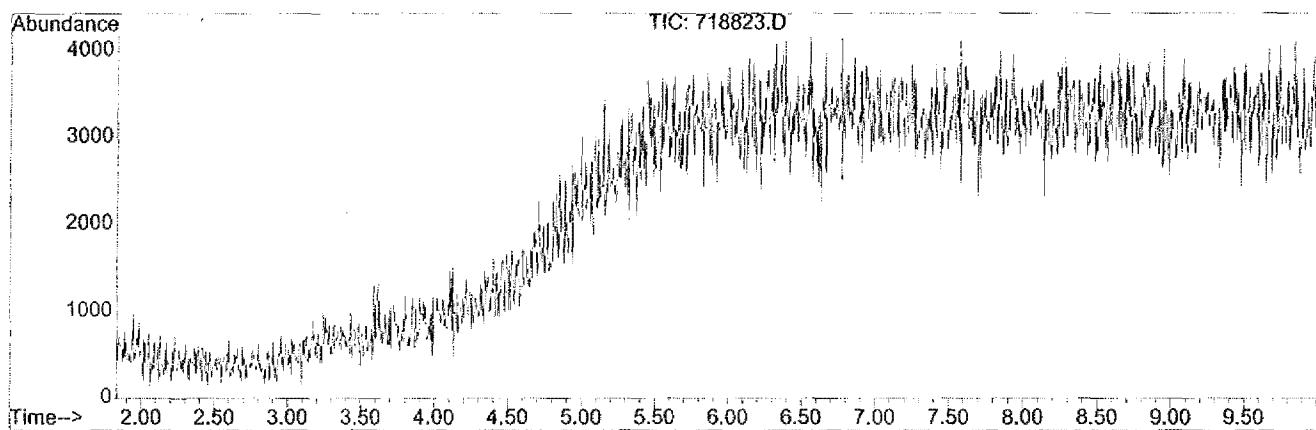
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718823.D  
Operator : ASD  
Date Acquired : 23 May 2010 1:02  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

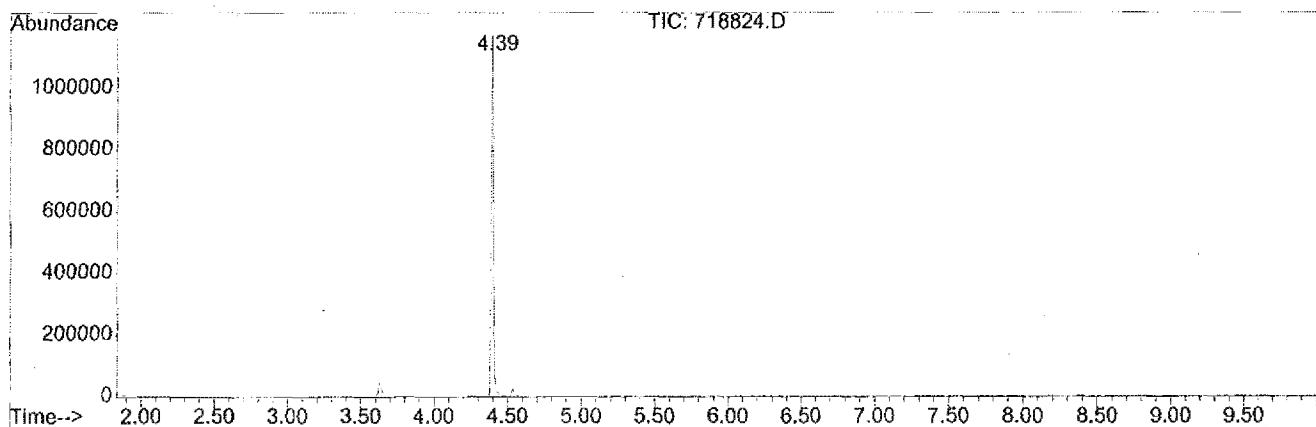
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718824.D  
Operator : ASD  
Date Acquired : 23 May 2010 1:15  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 23  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.390	1194097	100.00	100.00

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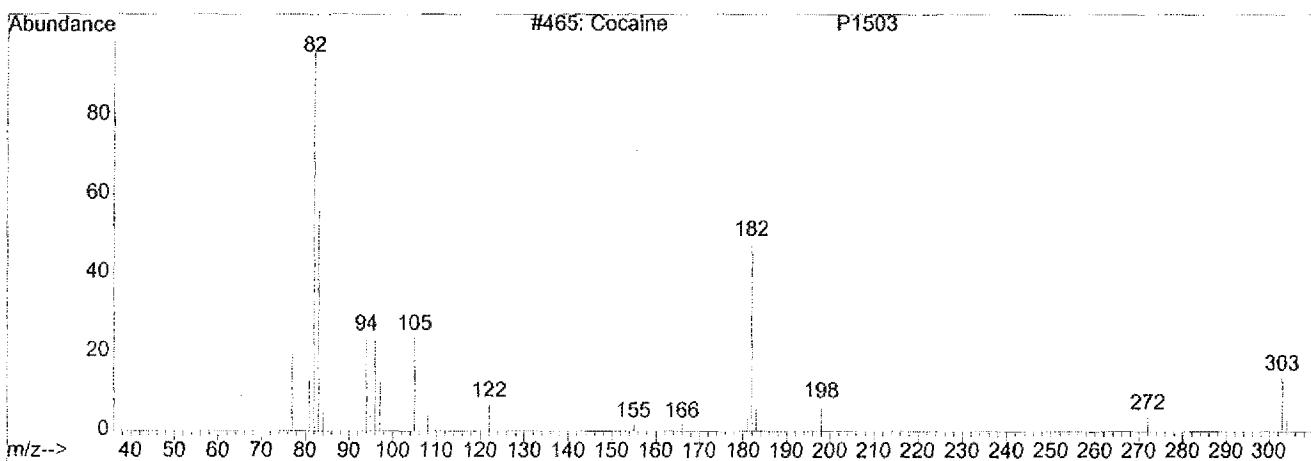
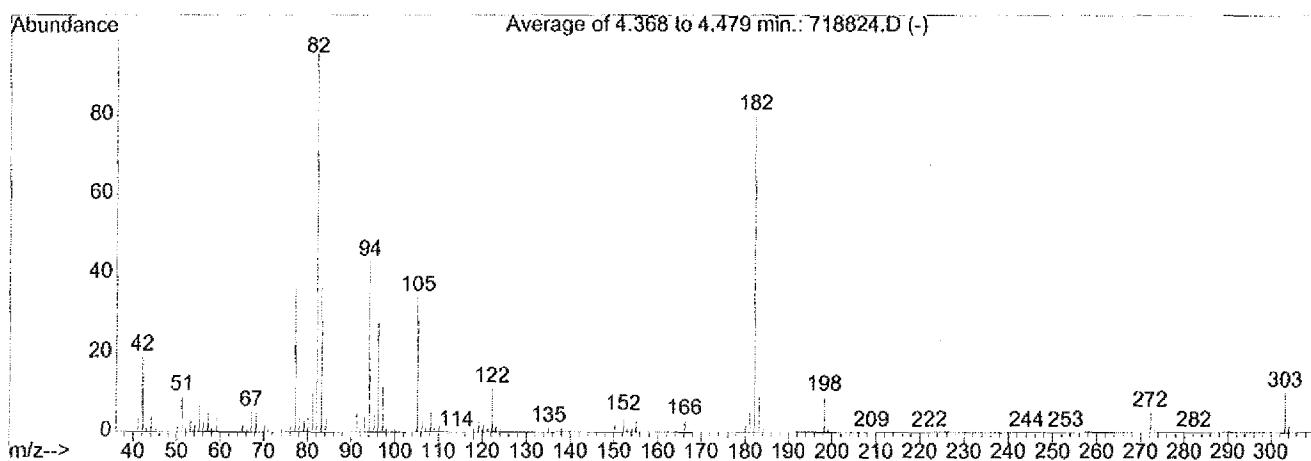
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718824.D  
 Operator : ASD  
 Date Acquired : 23 May 2010 1:15  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 23  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
1	4.39	C:\DATABASE\PMW_TOX2.L		
		Cocaine	000050-36-2	96
		Cocaine-M (methylecgonine) AC	000000-00-0	58
		Selegiline-M (nor-HO-) 2AC	000000-00-0	9



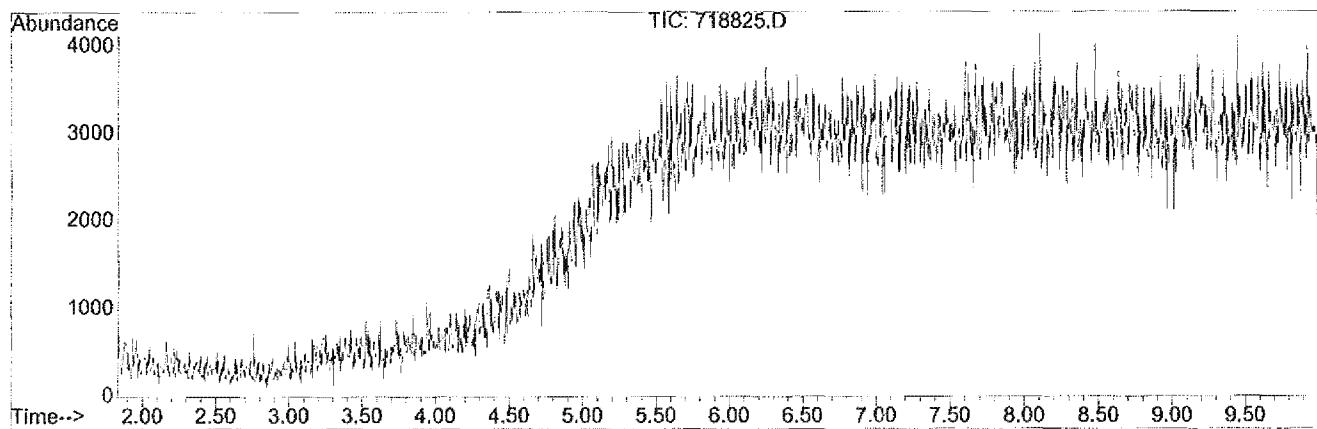
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718825.D  
Operator : ASD  
Date Acquired : 23 May 2010 1:28  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

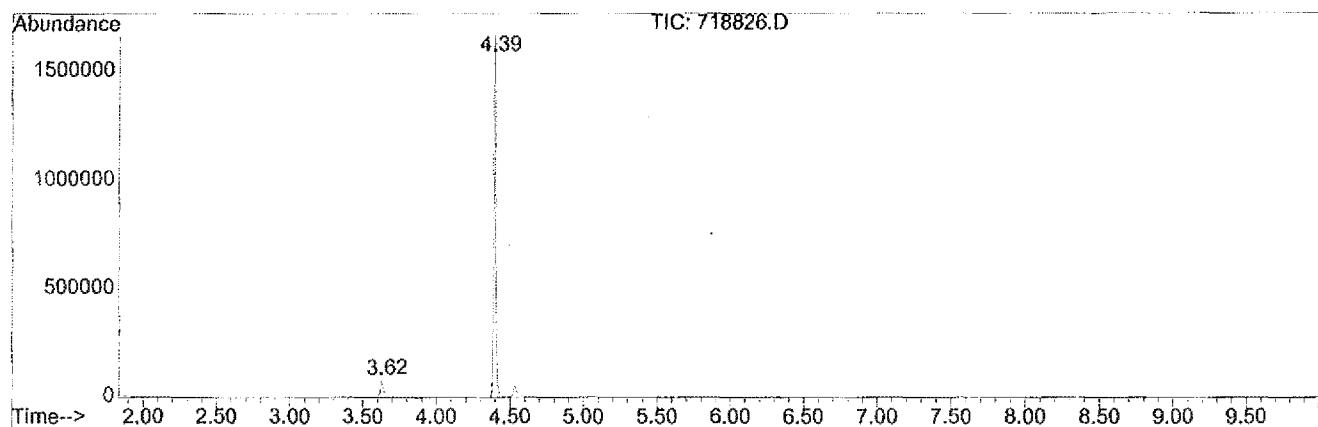
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718826.D  
Operator : ASD  
Date Acquired : 23 May 2010 1:40  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 25  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
3.623	123314	6.87	7.37
4.395	1672400	93.13	100.00

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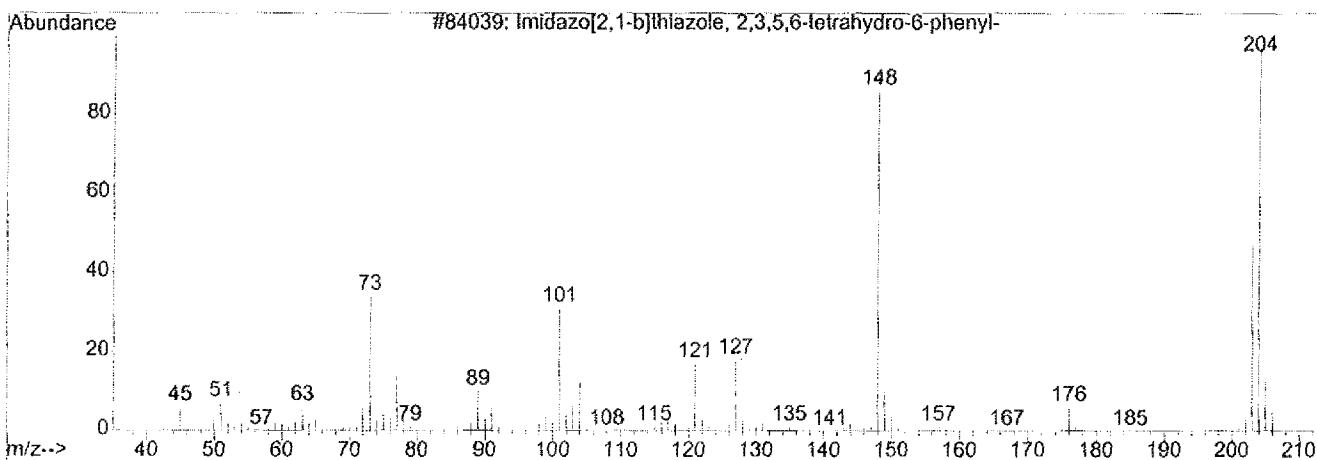
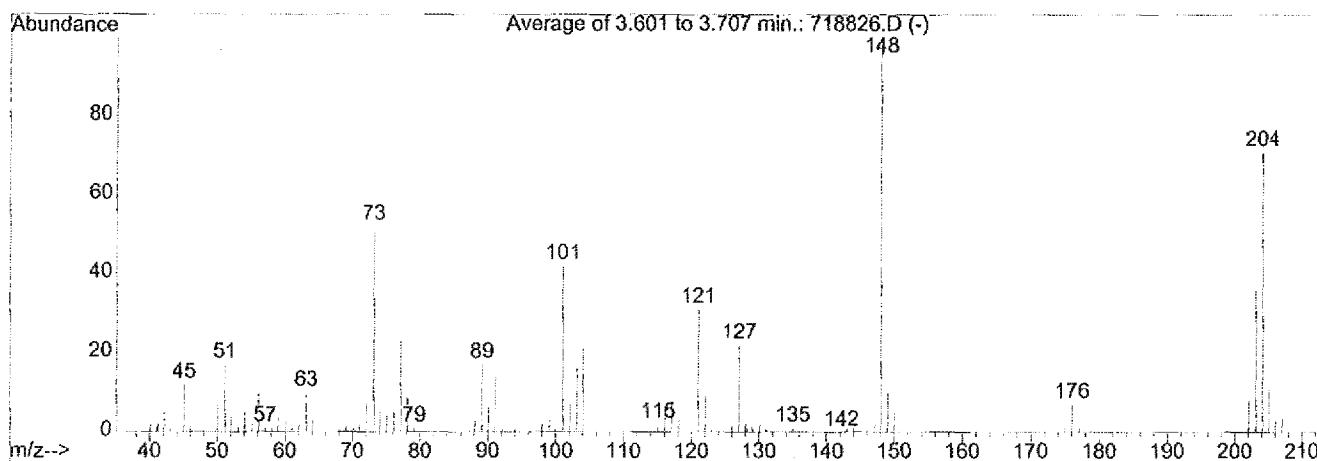
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718826.D  
 Operator : ASD  
 Date Acquired : 23 May 2010 1:40  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 25  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
1	3.62	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	96



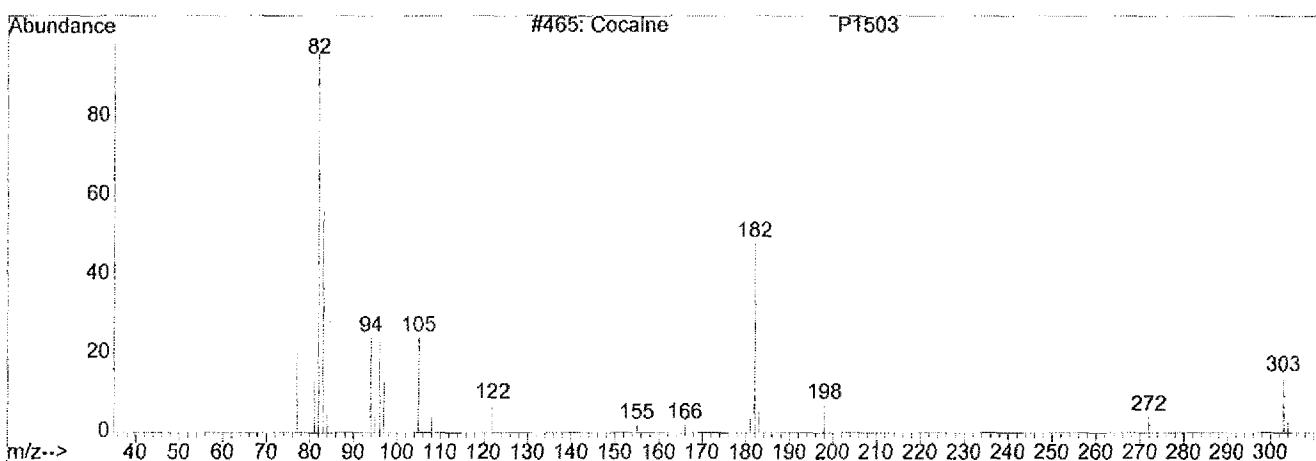
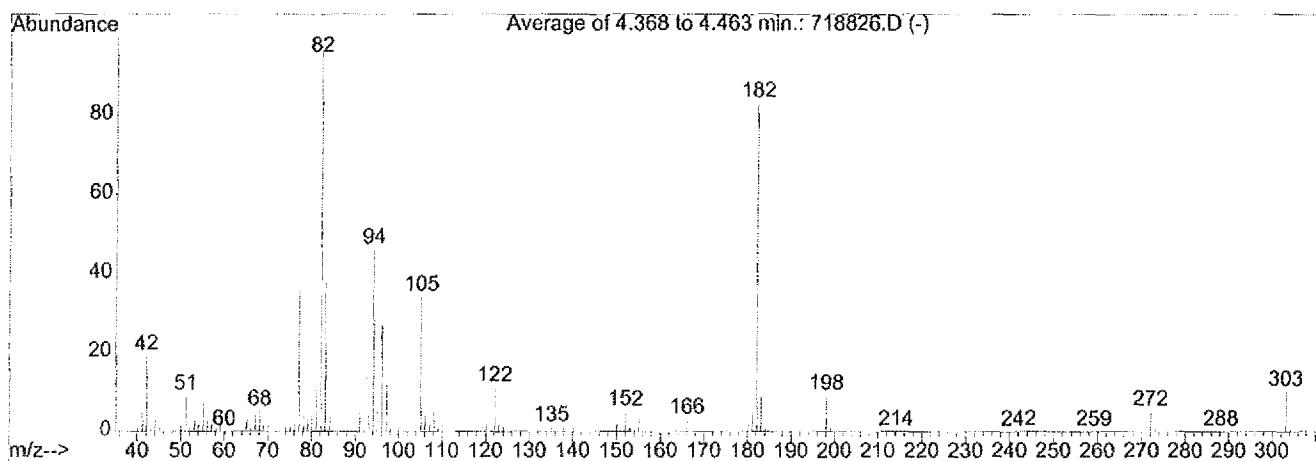
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718826.D  
 Operator : ASD  
 Date Acquired : 23 May 2010 1:40  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 25  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
2	4.39	C:\DATABASE\PMW_TOX2.L		
		Cocaine	000050-36-2	94
		Cocaine-M (methylecgonine) AC	000000-00-0	50
		Butalbital (ME)	000000-00-0	9



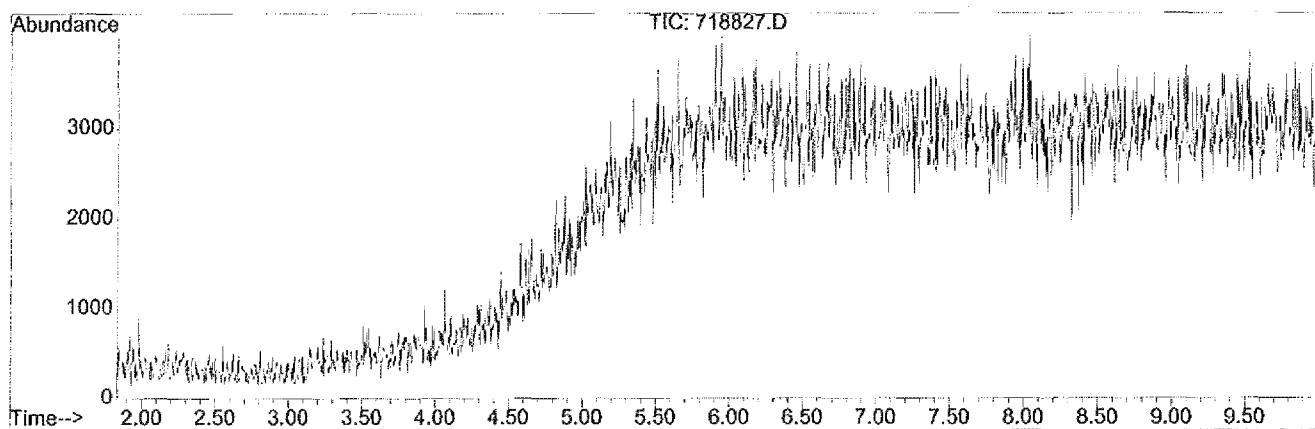
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718827.D  
Operator : ASD  
Date Acquired : 23 May 2010 1:53  
Sample Name : BLANK  
Submitted by : KAC  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

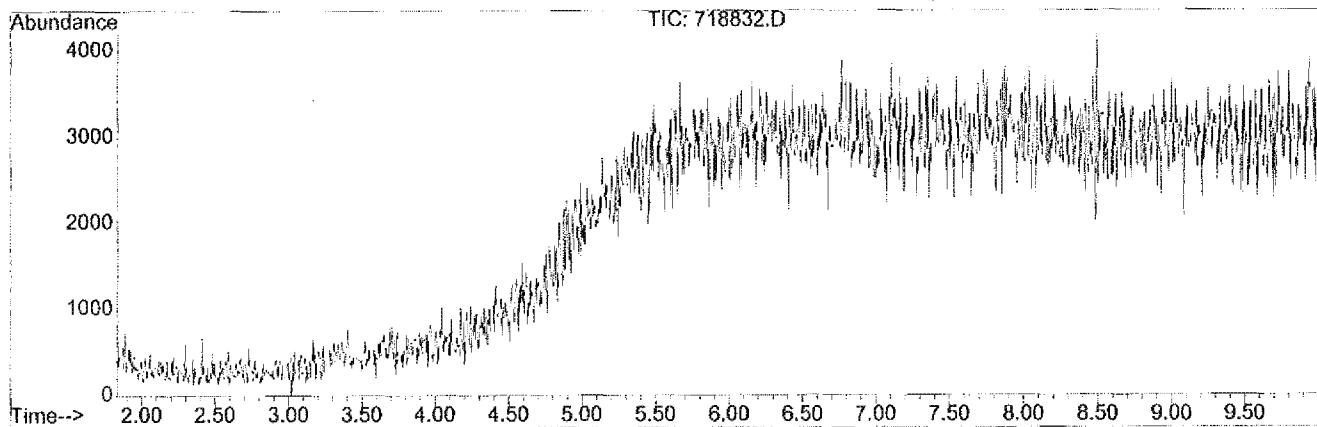
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718832.D  
Operator : ASD  
Date Acquired : 23 May 2010 2:57  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

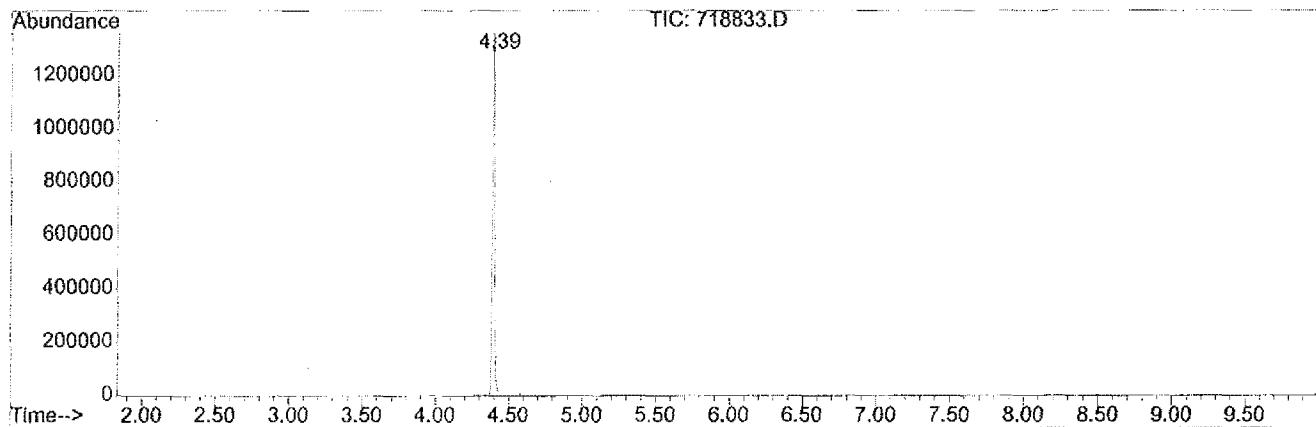
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718833.D  
Operator : ASD  
Date Acquired : 23 May 2010 3:09  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 20  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.389	1439855	100.00	100.00

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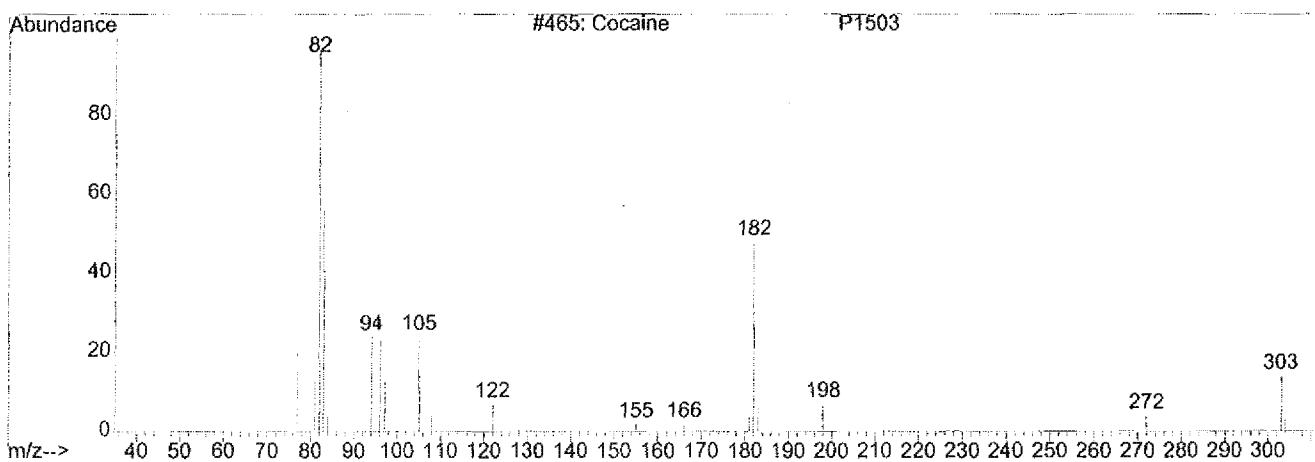
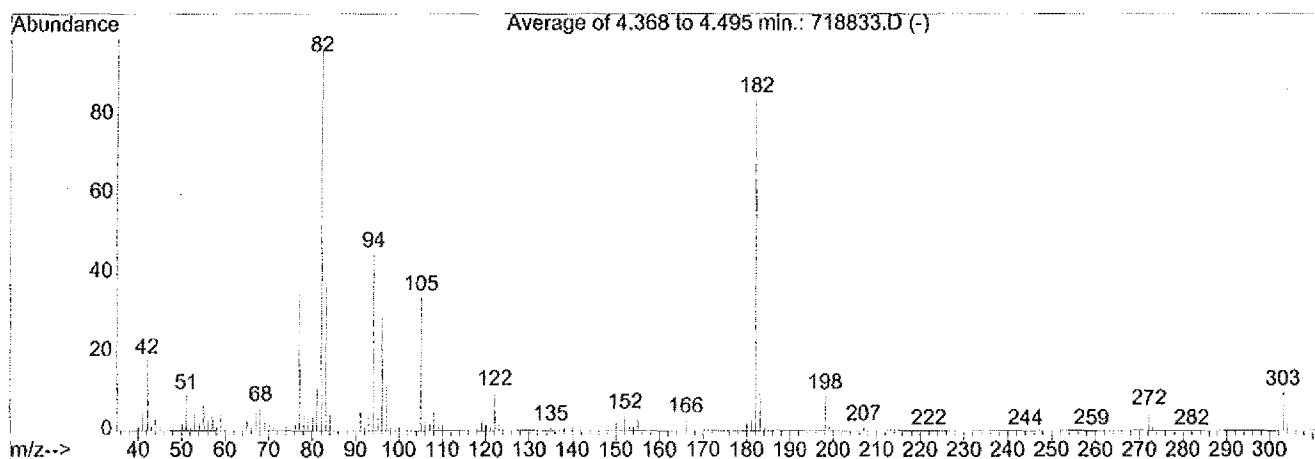
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718833.D  
 Operator : ASD  
 Date Acquired : 23 May 2010 3:09  
 Sample Name : COCAINE STD  
 Submitted by :  
 Vial Number : 20  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
1	4.39	C:\DATABASE\PMW_TOX2.L		
		Cocaine	000050-36-2	94
		Cocaine-M (methylecgonine) AC	000000-00-0	52
		Butalbital (ME)	000000-00-0	9



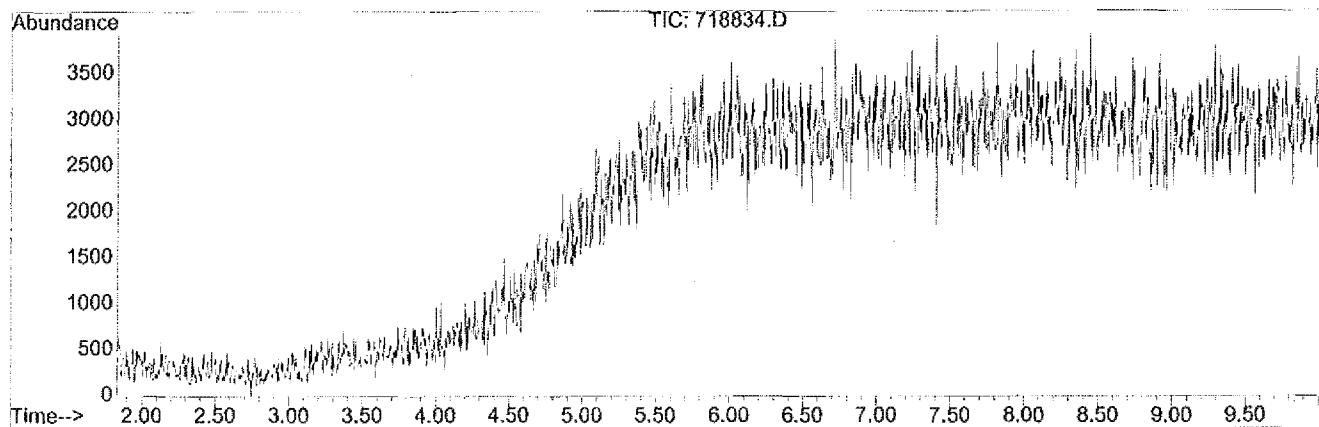
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718834.D  
Operator : ASD  
Date Acquired : 23 May 2010 3:22  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

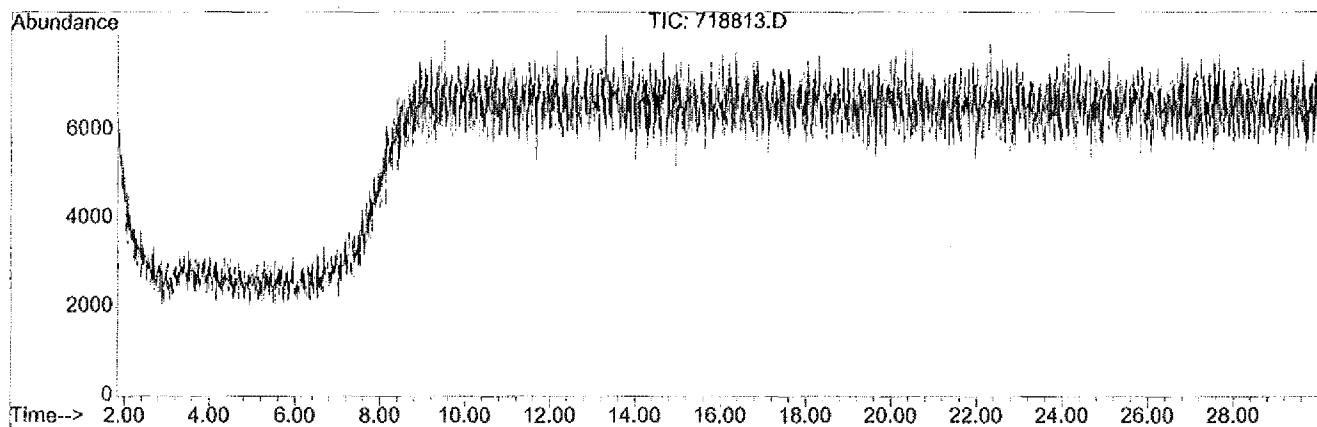
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718813.D  
Operator : ASD  
Date Acquired : 22 May 2010 20:46  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 2  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

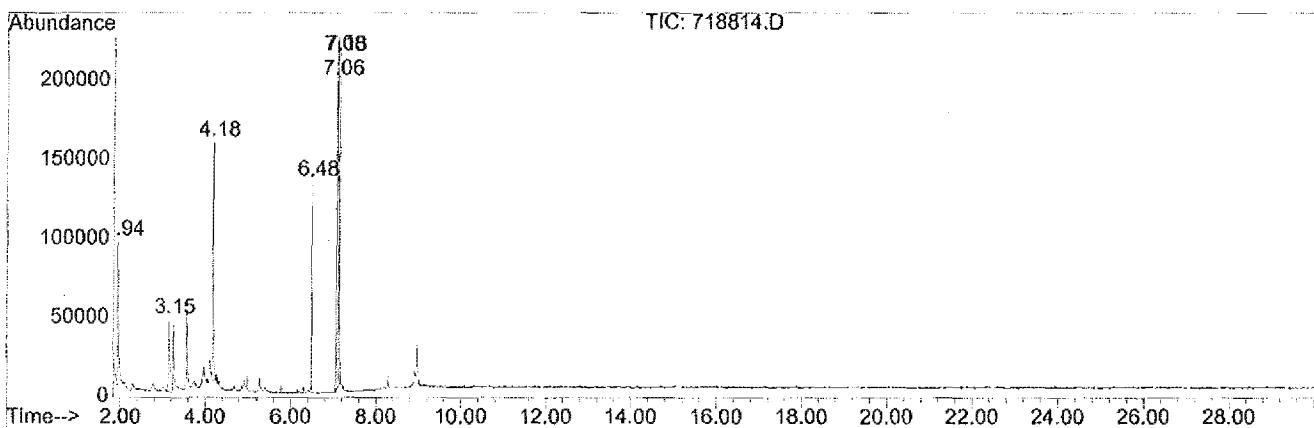
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
Operator : ASD  
Date Acquired : 22 May 2010 21:20  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 14  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
1.936	176794	13.21	54.08
3.145	116045	8.67	35.49
4.177	183513	13.72	56.13
6.483	101105	7.56	30.93
7.064	243711	18.22	74.54
7.082	326935	24.44	100.00
7.130	189786	14.19	58.05

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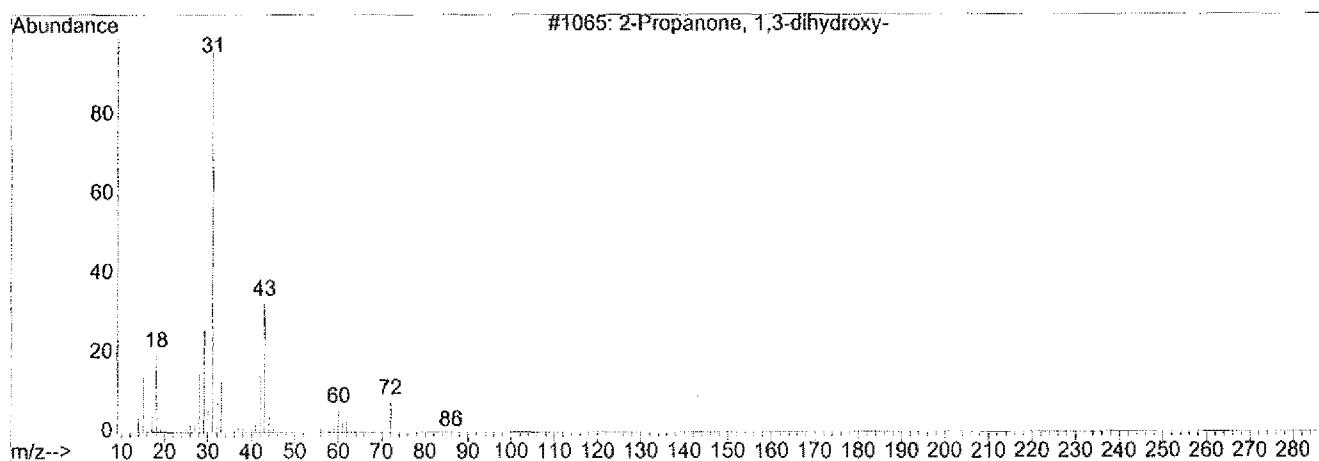
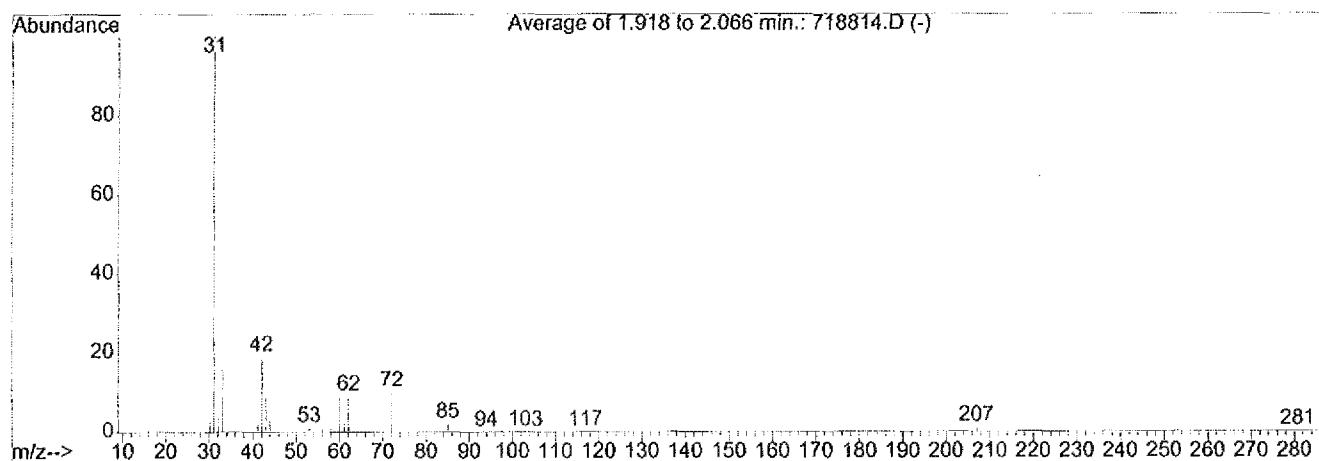
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
Operator : ASD  
Date Acquired : 22 May 2010 21:20  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 14  
AcquisitionMeth: SCREEN  
Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
1	1.94	C:\DATABASE\NIST98.L		
		2-Propanone, 1,3-dihydroxy-	000096-26-4	64
		Ethanol, 2-ethoxy-	000110-80-5	42
		1-Propanol	000071-23-8	9



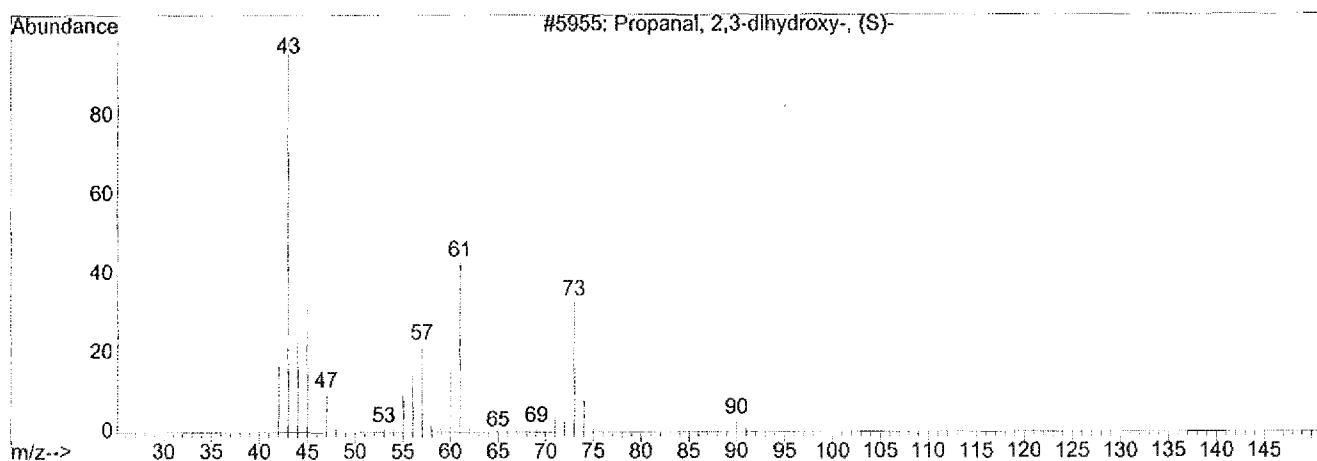
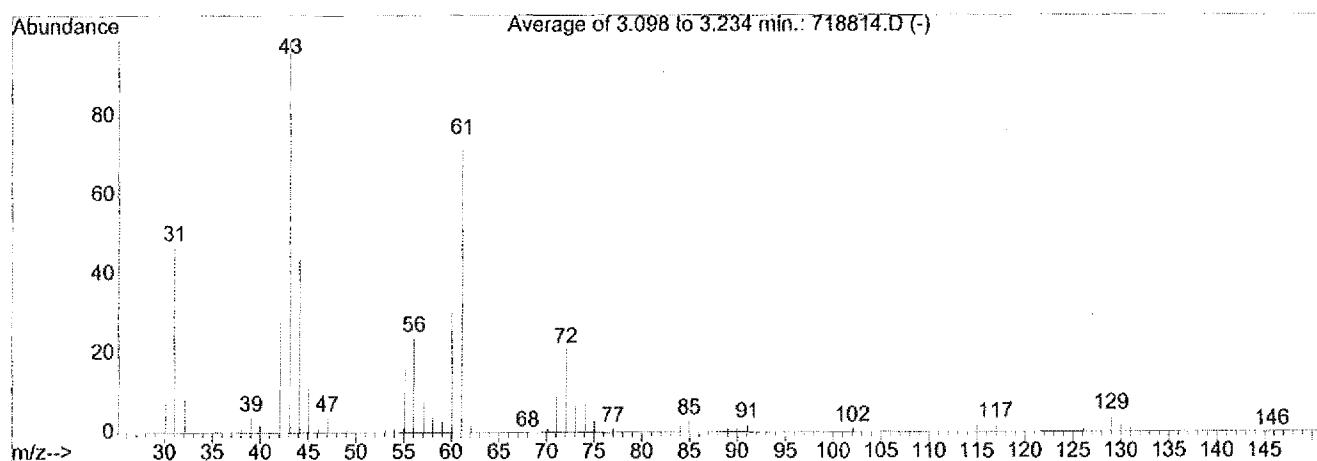
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
2	3.15	C:\DATABASE\NIST98.L		
		Propanal, 2,3-dihydroxy-, (S)-	000497-09-6	56
		Xylitol	000087-99-0	36
		Glycerin	000056-81-5	33



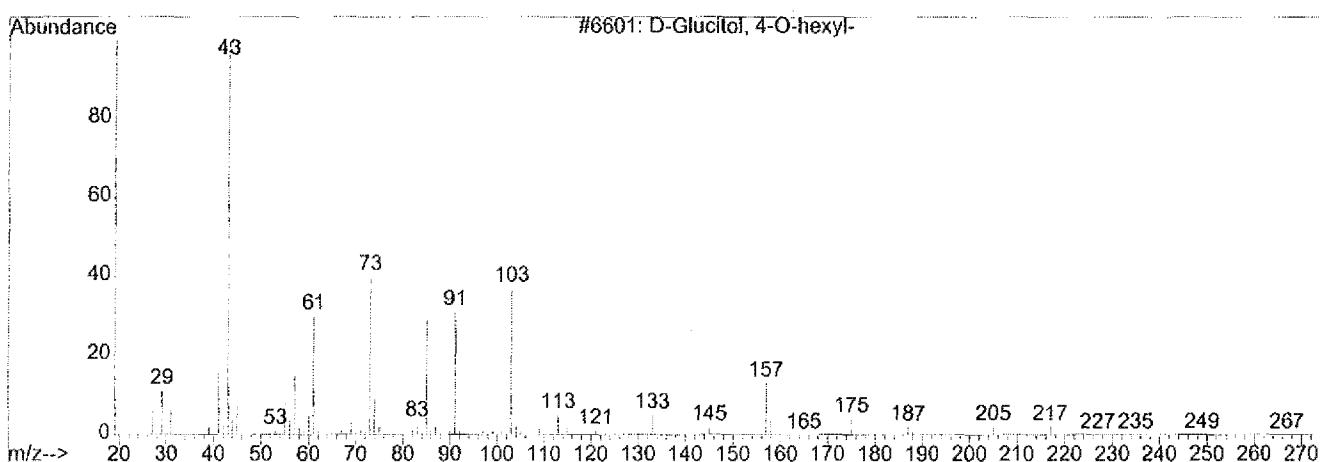
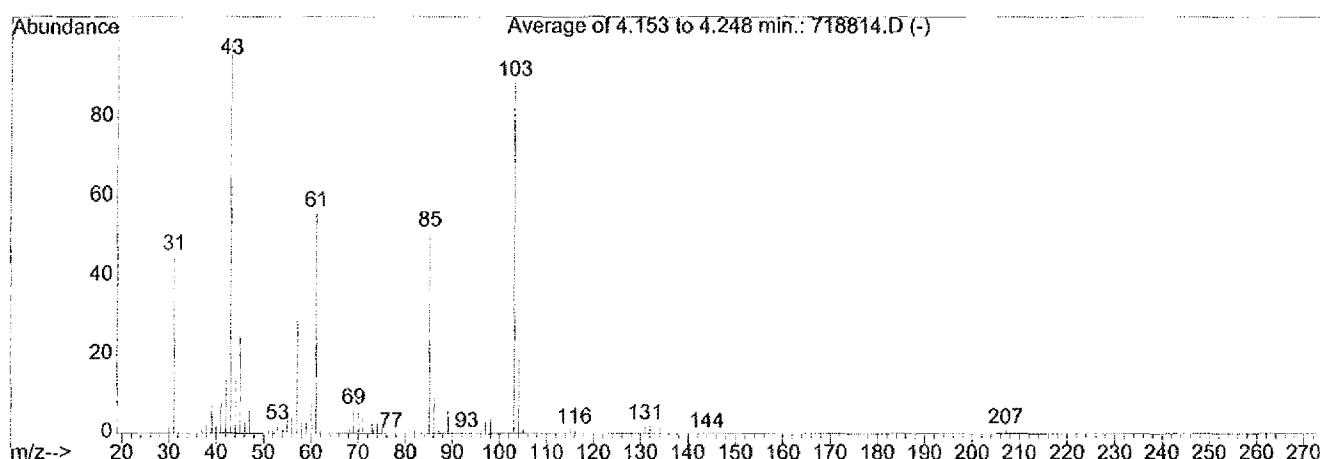
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
3	4.18	C:\DATABASE\NIST98.L		
		D-Glucitol, 4-O-hexyl-	132591-04-9	28
		1,2-Hydrazinedicarboxylic acid, die	004114-28-7	12
		Propylamine, N,N,2,2-tetramethyl-,	013993-87-8	11



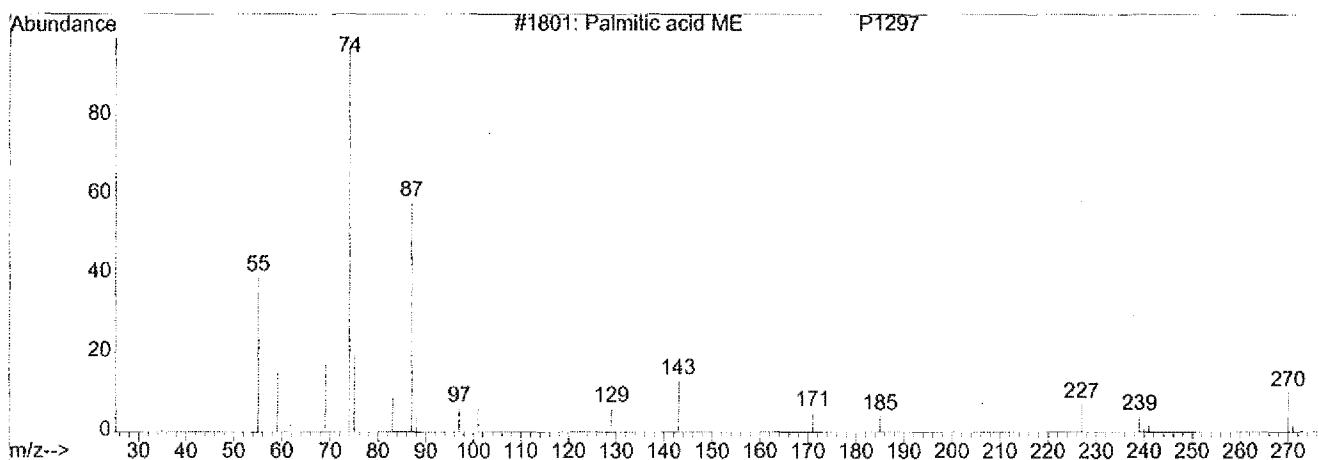
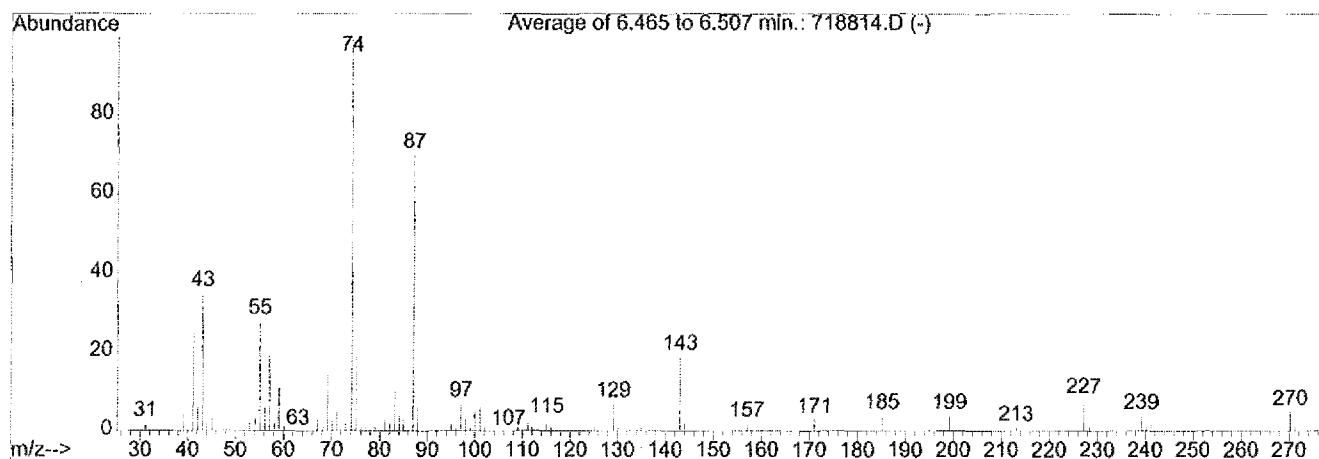
# Area Percent / Library Search Report

**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
4	6.48	C:\DATABASE\PMW_TOX2.L		
		Palmitic acid ME	000112-39-0	94
		Myristic acid ME	000124-10-7	80
		Pentadecanoic acid ME	007132-64-1	72



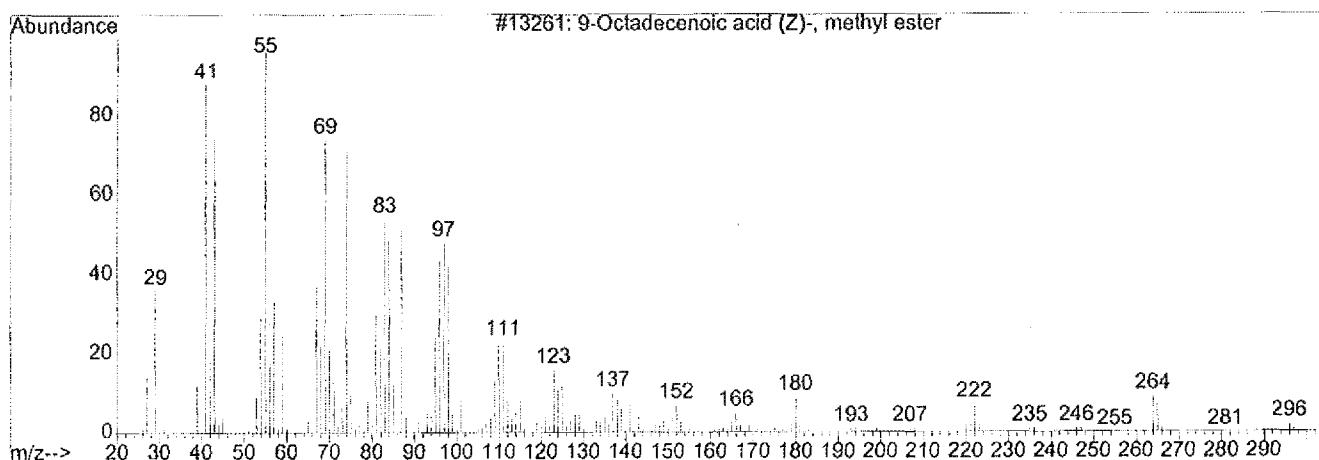
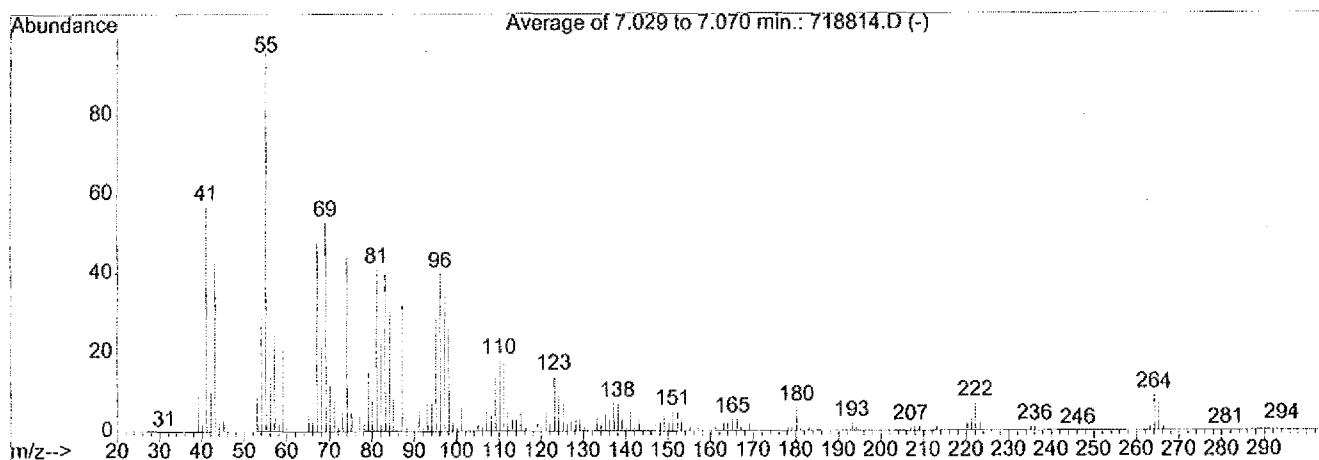
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
5	7.06	C:\DATABASE\NIST98.L		
		9-Octadecenoic acid (Z)-, methyl es	000112-62-9	99
		11-Octadecenoic acid, methyl ester,	001937-63-9	98
		9-Octadecenoic acid (Z)-, methyl es	000112-62-9	98



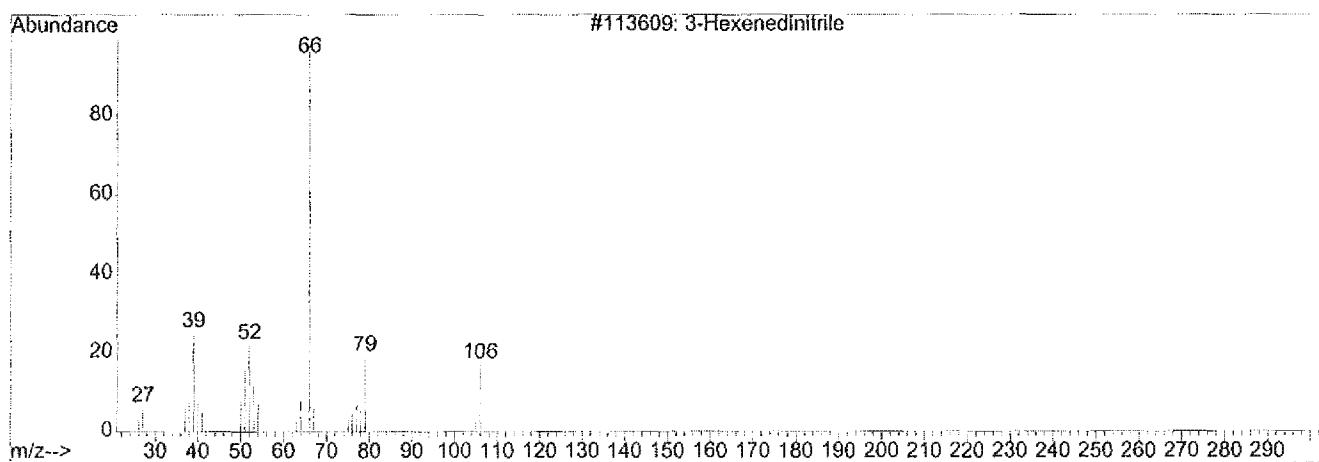
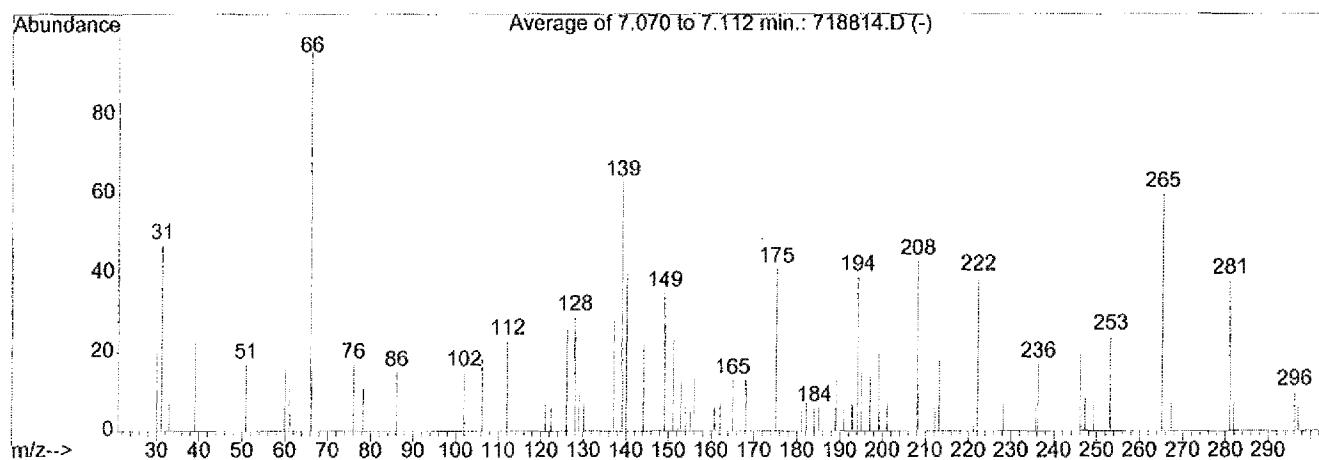
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
 C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
6	7.08	C:\DATABASE\NIST98.L		
		3-Hexenedinitrile	001119-85-3	32
		exo-Norbornanol, trifluoroacetate	( 1000245-87-9	32
		Dixanthogen	000502-55-6	23



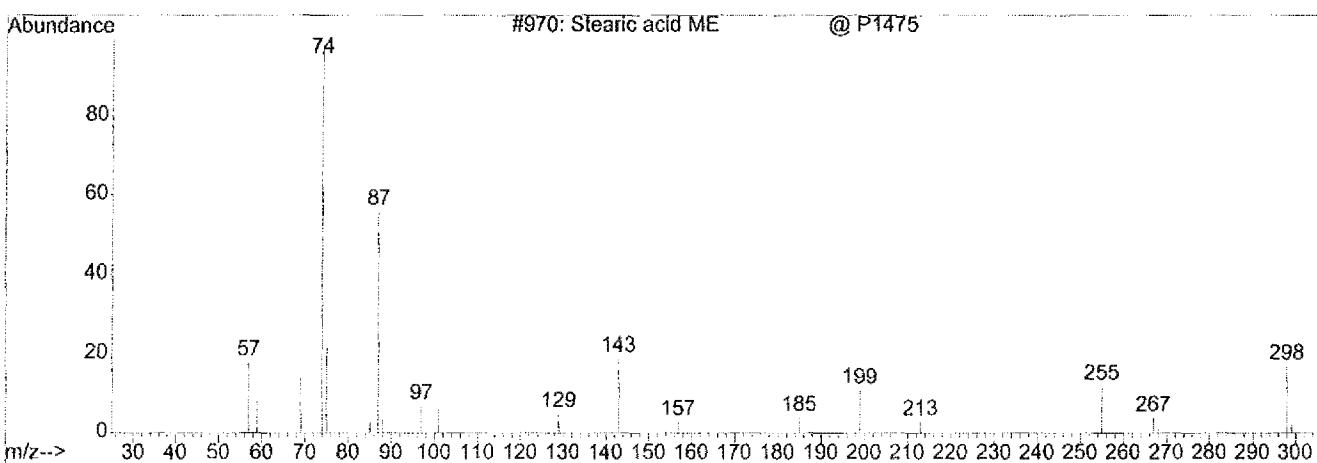
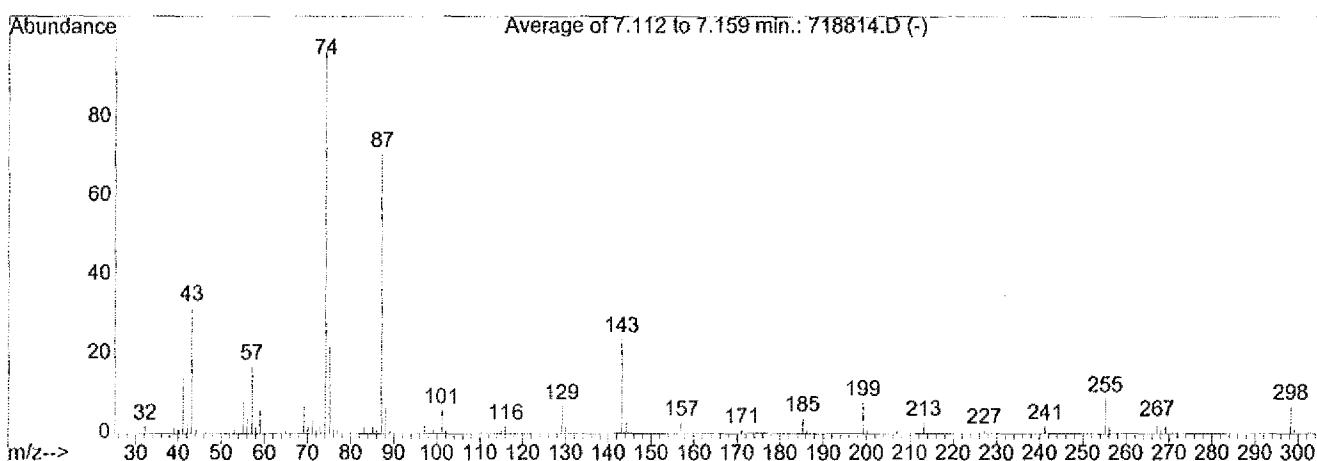
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718814.D  
 Operator : ASD  
 Date Acquired : 22 May 2010 21:20  
 Sample Name : XXXXXXXXXX  
 Submitted by : DCS  
 Vial Number : 14  
 AcquisitionMeth: SCREEN  
 Integrator : RTE

Search Libraries: C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
                   C:\DATABASE\NIST98.L Minimum Quality: 0

PK#	RT	Library/ID	CAS#	Qual
7	7.13	C:\DATABASE\PMW_TOX2.L		
		Stearic acid ME	@ 000112-61-8	91
		Myristic acid ME	000124-10-7	56
		Lauric acid ME	000111-82-0	38



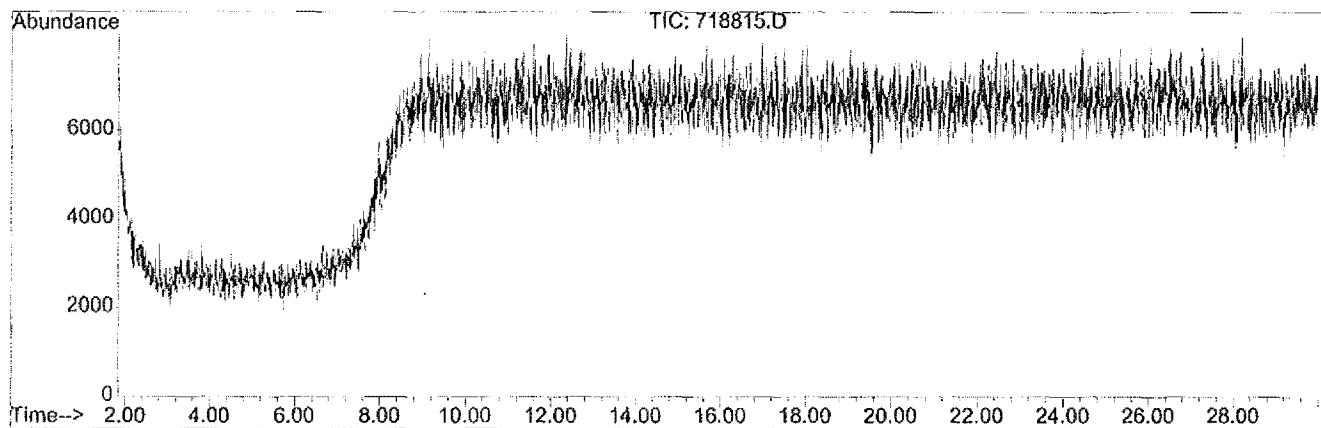
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718815.D  
Operator : ASD  
Date Acquired : 22 May 2010 21:54  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 1  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

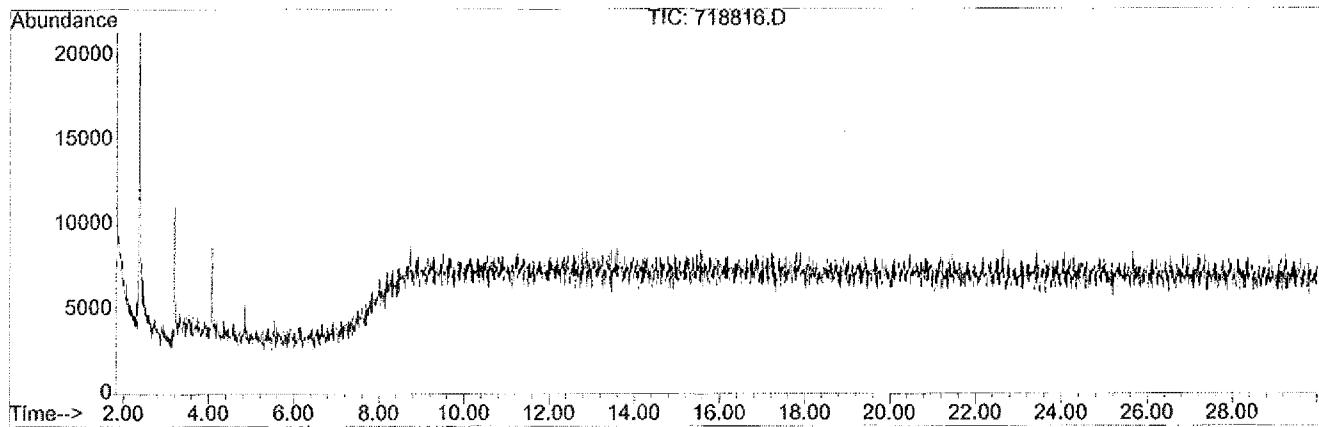
# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718816.D  
Operator : ASD  
Date Acquired : 22 May 2010 22:28  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 16  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

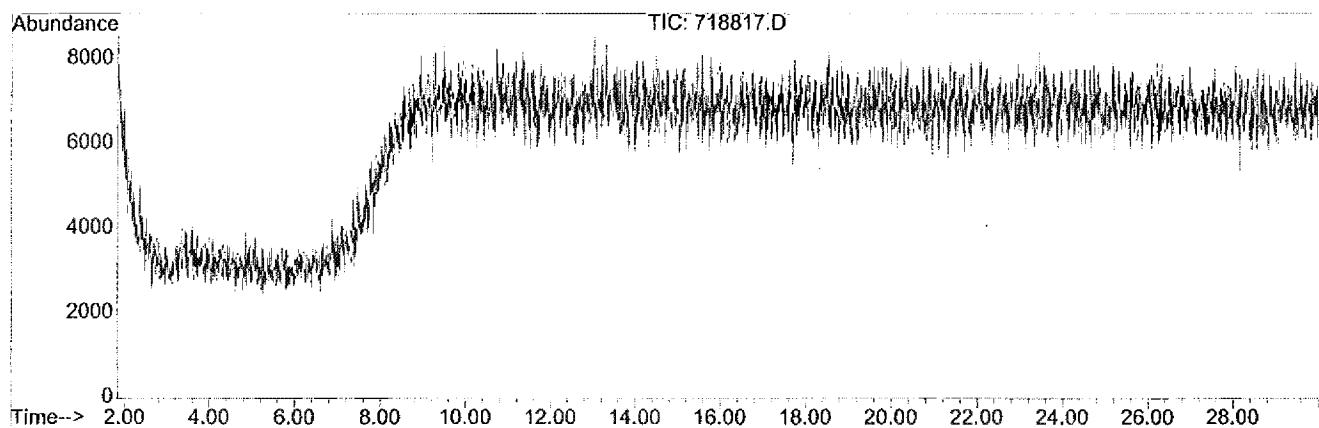
Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718817.D  
Operator : ASD  
Date Acquired : 22 May 2010 23:02  
Sample Name : BLANK  
Submitted by : DCS  
Vial Number : 1  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

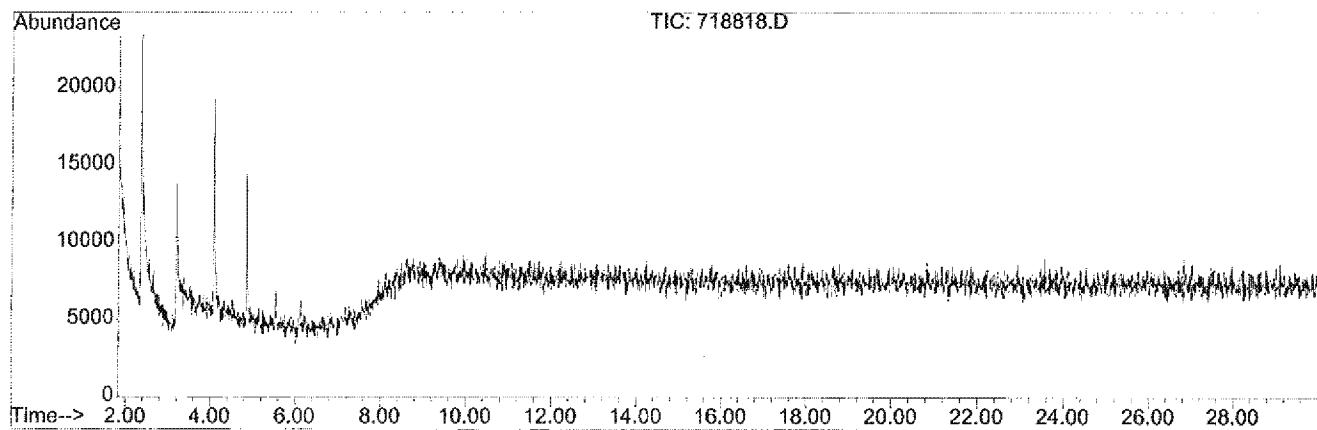
# Area Percent / Library Search Report

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Information from Data File:

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718818.D  
Operator : ASD  
Date Acquired : 22 May 2010 23:36  
Sample Name : XXXXXXXXXX  
Submitted by : DCS  
Vial Number : 18  
AcquisitionMeth: SCREEN  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

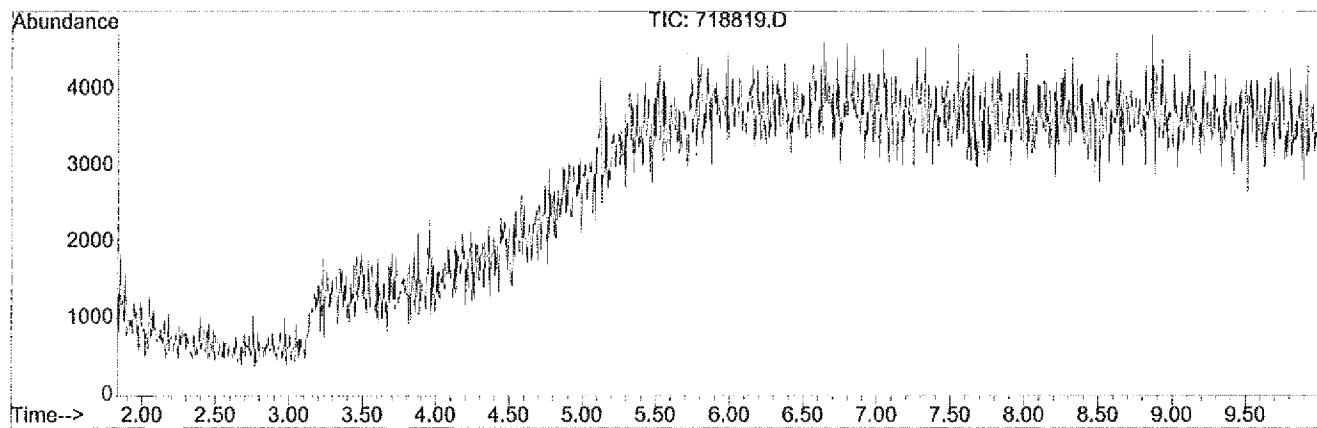
# Area Percent / Library Search Report

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**Information from Data File:**

File Name : F:\Q2-2010\SYSTEM6\05\_21\_10\718819.D  
Operator : ASD  
Date Acquired : 23 May 2010 00:11  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*